

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION**

July 24, 2018

**FROM: JOHN McMAHON, Sheriff/Coroner/Public Administrator  
Sheriff/Coroner/Public Administrator**

**SUBJECT: PURCHASE ORDER TO DATAWORKS PLUS, LLC FOR UPGRADE AND  
MAINTENANCE TO FACE PLUS FACIAL RECOGNITION SYSTEM**

**RECOMMENDATION(S)**

Approve a non-competitive Purchase Order to DataWorks Plus, LLC in the amount of \$222,300 for the upgrade of the DataWorks Plus FACE Plus facial recognition technology system, including warranty and one-year of maintenance.

(Presenter: Robert O'Brine, Captain, 387-0640)

**COUNTY AND CHIEF EXECUTIVE OFFICER GOALS AND OBJECTIVES**

**Operate in a Fiscally-Responsible and Business-Like Manner.**

**Provide for the Safety, Health and Social Service Needs of County Residents.**

**FINANCIAL IMPACT**

This item will not result in the use of additional Discretionary General Funding (Net County Cost). The upgrade to the DataWorks Plus FACE Plus facial recognition system, including warranty and one-year maintenance in the amount of \$222,300 is included in the 2018-19 Regional Auto Fingerprint Fund (7080008836).

**BACKGROUND INFORMATION**

DataWorks Plus, LLC (DataWorks) provides a wide-range of imaging products for law enforcement and correctional agencies. Cal-ID utilizes the DataWorks FACE Plus facial recognition software to assist in positively matching photos of individuals by key characteristics of the facial image. FACE Plus is proprietary to DataWorks, and DataWorks is the only vendor that can provide service, upgrades, and modifications to the systems.

**PROCUREMENT**

On July 24, 2012, the Sheriff's Department (Department) received approval from the U.S. Department of Justice, Office of the Justice Programs, to proceed with the purchase of a computer server, computer software programming, and associated services from DataWorks with Congressionally mandated grant funds. The Board of Supervisors (Board), approved the \$332,520 non-competitive purchase of the server and software program on September 11, 2012 (Item No. 51; Purchase Order No. 132458).

Page 1 of 2

cc: Sheriff-McMahon  
Sheriff-O'Brine  
Purchasing-Candelaria  
CAO-Trillo  
File - Sheriff  
mb 07/26/18

ITEM 42

Record of Action of the Board of Supervisors  
**APPROVED (CONSENT CALENDAR)**  
COUNTY OF SAN BERNARDINO  
Board of Supervisors

MOTION	<u>AYE</u>	<u>AYE</u>	<u>SECOND</u>	<u>MOVE</u>	<u>ABSENT</u>
	1	2	3	4	5

LAURA H. WELCH, CLERK OF THE BOARD

BY

DATED: July 24, 2018

**PURCHASE ORDER TO DATAWORKS PLUS, LLC FOR UPGRADE AND  
MAINTENANCE TO FACE PLUS FACIAL RECOGNITION SYSTEM  
JULY 24, 2018  
PAGE 2 OF 2**

On December 9, 2013, the Department purchased four additional licenses to the FACE Plus facial recognition software as the result of a non-competitive procurement (Purchase Order No. 148623)

Expenditures for the maintenance and support of DataWorks hardware and software systems totaled \$58,310 for the period of July 1, 2014 through June 30, 2018. The Department is recommending the approval of the Purchase Order to DataWorks in the amount of \$222,300 for the upgrade of the FACE Plus facial recognition technology system. Purchasing concurs that a non-competitive justification of proprietary equipment exists with the purchase of DataWorks hardware and software systems.

County Policy No. 11-04 requires that all non-competitive purchases more than \$100,000 be approved by the Board of Supervisors.

**REVIEW BY OTHERS**

This item has been reviewed by County Counsel (Richard D. Luczak Deputy County Counsel, 387-5455) on June 26, 2018; Purchasing Department (Michael Candelaria, Lead Buyer 387-2060) on June 28, 2018; Finance (Jessica Trillo, Administrative Analyst, 387-4222) on June 28, 2018; and County Finance and Administration (Matthew Erickson, County Chief Financial Officer, 387-3937) on June 29, 2018.

May 2, 2018

Mark Rigali, Lieutenant Cal ID Biometric Identification Network Riverside County Sheriff's Department 1260 Palmyrita Avenue Riverside, CA 92507	Noel Wilterding   Lieutenant CAL-ID   Biometric Identification Network San Bernardino County Sheriff's Department 880 East Mill Street San Bernardino, CA 92415-0054
---	--

RE: Face Plus Facial Recognition NeoFace Template upgrade

Dear Gentlemen,

I would like to thank you for your support of the DataWorks Plus family of imaging products for law enforcement and correctional agencies. We are pleased to provide your agency with the following quotation for to upgrade the FACE Plus facial recognition system by adding 500,000 front templates for a total of 3.2 Million and a separate option to upgrade them all to version v5.

Please note your current Cognitec system has 2 million front templates. If you have any questions regarding this quote, please do not hesitate to call.

Sincerely,



Todd Pastorini  
Executive Vice President & General Manager  
925-240-9010  
925-240-9011 FAX

**FACE Plus™ Processing and Client Software**

Description	Price
Upgrade to a total of 3,200,000 image templates (NEC NEOFace Engine)	\$65,000.00
Maintenance after first year warranty	\$9,100.00

Description	Price
Upgrade to a total of 3,200,000 image templates of version v5 (NEC NEOFace Engine)	\$195,000.00
Maintenance after first year warranty	\$27,300.00

Quoted pricing includes the following services:

- ☛ Integration, and Installation.
- ☛ Delivery approximately 30-90 days after receipt of order.
- ☛ Twelve-month warranty, commencing at delivery\*

Additional engineering effort by DataWorks Plus beyond the scope of the standard product will be charged at our standard rate of \$220 per hour, plus any related travel or administrative expenses.

Upon expiration of warranty for the above equipment, Standard Software Maintenance for the first year will be available at 14% of the system list price, and is renewable annually thereafter at then current pricing. Standard maintenance support (8 to 5 Monday through Friday with next day onsite support) includes repair or replacement of failed parts and software maintenance.

DataWorks Plus believes in ensuring that your data is secure. As such, all DataWorks Plus employees must pass an FBI background check as part of our hiring process. DataWorks Plus understands that agencies have their own background processes and will comply with standard vendor background checks for employees either participating in the install or on-going maintenance. Standard vendor background checks include fingerprints, employment history, local, state and/or FBI checks. Extensive background processes beyond what is considered a standard check will be at the sole financial responsibility of the agency and should be coordinated with DataWorks Plus for scheduling and billing.

DataWorks Plus appreciates the opportunity to present this proposal, which will be valid for 90 days, after which availability and prices are subject to change. To confirm your requisition, please submit your purchase order within this time frame. Prices are exclusive of any and all state, or local taxes, or other fees or levies. This quote is subject to the following conditions:

1. 50% payment due with Purchase Order
2. 50% payment due at installation.
3. Payment net thirty (30) days from receipt of invoice.
4. Warranty begins at delivery.

FindBiometrics Newsletter - December 21, 2018

[View this email in your browser](#)



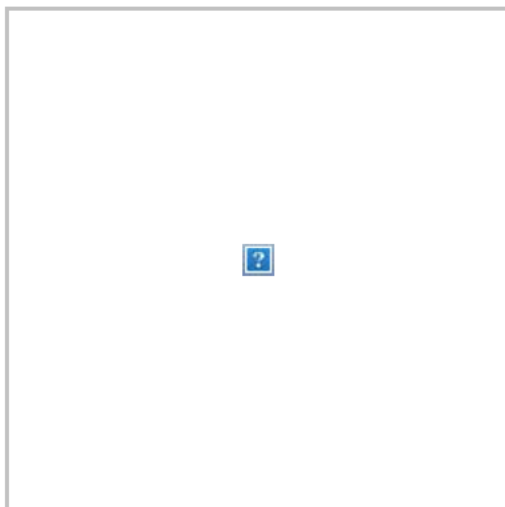
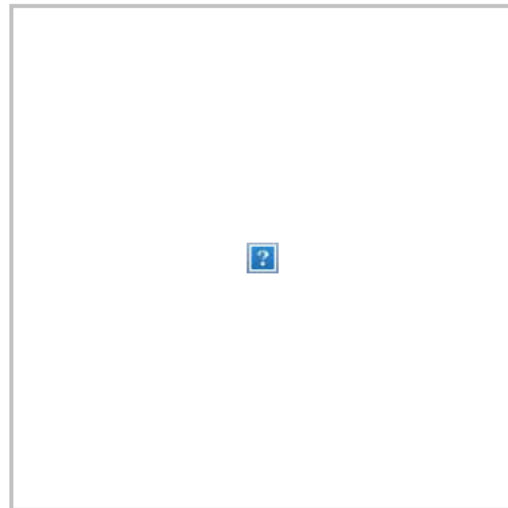
---

## Another Voice Joins the Facial Recognition Discourse

---

**NEC 'Welcomes' Ethical,  
Regulatory Discussions  
Over AI and Facial  
Recognition: CEO**

NEC “supports various governments’ considerations for reasonable policy, setting privacy standards for personal information and preventing unlawful discrimination related to this technology,” said its CEO... **Read More**



### **Major Italian Bank to Trial Gemalto’s Biometric Mastercard**

Participating Intesa Sanpaolo customers will be able to make secure contactless payments with their biometric Mastercards just by holding a registered fingerprint over the sensor as they tap to pay... **Read More**

Interested in mobile biometrics? Check out our sister site Mobile ID World's weekly newsletter!

**Looking Back on The Year in Biometrics**

The FindBiometrics Year in Review Survey is now open! Take this short five minute survey and tell us what you thought were the biggest biometric trends in 2018... **Take the Survey**



**Organizers Call for  
Proposals to Host 2020  
International Joint**



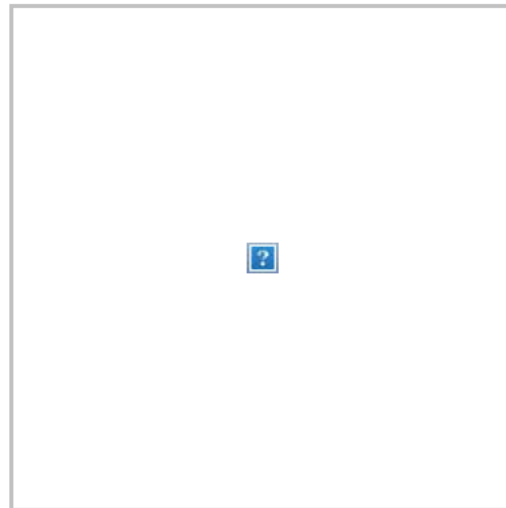
## Conference on Biometrics

Organizers are starting to get ready for the 2020 International Joint Conference on Biometrics, “or IJCB 2020”, and have issued a call for proposals from prospective hosts... [Read More](#)



**Facial Recognition Tech  
Secretly Deployed at  
Taylor Swift Concert**

A kiosk featured a display showing highlights from the pop star's rehearsal, attracting the attention of Swift fans; and it had a hidden camera through which facial recognition technology scanned their faces... **Read More**



## Sponsored Links

### Northstar Recruiting

Northstar uses their industry knowledge to recruit top talent for Biometric and Identity Management companies.

### Princeton Identity

Princeton Identity develops innovative technologies, software and physical hardware solutions designed to verify and manage individuals' identities for a wide range of physical security and data access applications.

### Sensory Inc.

Sensory Inc. creates a safer and superior user experience through vision and voice technologies. Sensory's TrulySecure is changing the authentication landscape with highly accurate voice and facial biometric fusion. combine security with convenience to enhance operations.

### CMITech

CMITech is a leading provider of high performance, cost effective iris recognition systems. The company is setting the industry standard for advanced user interfaces that are fast, intuitive and effortless. Serving enrollment and authentication solutions of all sizes, CMITech systems include binoculars-type, wall mount, desktop, and kiosk-type product configurations.

## Upcoming Events

**HIMMS19**  
**2nd Annual PSD2 & RegTech Forum**  
**eTail West 2019**  
**13th Biometrics for Government and Law Enforcement**  
**AI World Forum**  
**TechNOVA: Voice 2019**



Copyright © 2018 FindBiometrics, All rights reserved.  
You are receiving this email because you've subscribed to the FindBiometrics newsletter.

Our mailing address is:  
FindBiometrics  
63 Lake Promenade  
Toronto, On M8W 1A3  
Canada

[unsubscribe from this list](#) [update subscription preferences](#)

---


**From:** [NEC](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** ARS Newsletter - July 2018  
**Date:** Thursday, July 05, 2018 7:15:43 AM



## Message from NEC Advanced Recognition Systems


### [Raffie Beroukhim, Senior Vice President & General Manager, ARS](#)

It is hard to believe that the [32nd Annual AFIS Internet User's Conference](#) is just around the corner! Every year I look forward to seeing new and familiar faces at the conference. This year AFIS Internet will take place in Reston, VA, August 26-29. Founded in 1964, Reston was Virginia's first planned residential community. It embodies its founding principles of "Live, Work, Play and Get Involved."

Not unlike so many other organizations, law enforcement agencies today are in the midst of a digital  transformation. From evidence gathering to storage and processing digitalization of the processes and use of biometrics in this endeavor is the reason why NEC and the AFIS Internet Board Members selected "**Exploring the Diverse World of Biometrics**" as this year's conference theme. Our goal is to engage law enforcement agencies to discuss these new challenges, develop ideas and continue to provide solutions for our communities.

This year I am very excited to share with you that **Tom Ridge, First Secretary of U.S. Department of Homeland Security, Former Governor of Pennsylvania, and Chairman, Ridge Global** will be our featured keynote speaker on Monday, August 27. Mr. Ridge will talk about trends and the evolution of our country's security profile, the role he sees technology playing in securing our borders and how he see that impacting local and regional public safety officers and investigators. A truly engaging and dynamic speaker, Mr. Ridge regularly addresses audiences throughout the world on issues, such as security, terrorism, global engagement, leadership, technology and more. Please join me, as we will welcome him to the stage as our Keynote Speaker.

Finally, nominations are being accepted through July 27th for the 3rd Annual Biometric "Hit of the Year" award. The focus of this award program is to showcase the power of NEC's Advanced Recognition Systems solutions. Submission criteria includes positive identification and arrest based on the specific discipline found under NEC's Advanced Recognition Systems wide casting net of Public Safety solutions. Full submission criteria can be found on the AFIS Internet Biometric Identification Award Program form that can be downloaded [here](#).

I would remiss if I did not congratulate the Class of 2018. Just recently, I had the pleasure of attending my daughter's graduation, Shirin, from California Polytechnic State University in San Luis Obispo, California. For me, there is nothing more rewarding than watching your child celebrate the success of their hard work and dedication, taking the next step in their life and starting their career. I wish her and the collegiate Class of 2018 great success in their all future endeavors. 


I look forward to seeing many of you in August at the AFIS Internet Conference in Reston, VA.

Raffie

---

## Customer Accolades & Key Wins

### [Toronto Police Service to Implement NEC NeoFace® Reveal Facial Recognition System](#)

Toronto Police Service (TPS) selected NEC's NeoFace® Reveal facial recognition system to  enhance their criminal investigation efforts. NeoFace Reveal enables TPS to turn poor quality facial images found in crime scene photographs and surveillance videos into leads.

In the first couple of months of operation, TPS has far exceeded their return on investment enabling them to become both effective and having efficient tools to help in their criminal investigations. The technology will help rapidly solve more crimes leading to safer Toronto and Ontario communities while saving valuable investigation time and resources.

Widely adopted in the United States, TPS joins Calgary Police Service, who in 2014 also selected NEC NeoFace Reveal as their forensics-based face recognition solution of choice.

---

## Product Information & Highlights

### NEC Iris Recognition Technology Ranks First in NIST Accuracy Testing

[NEC's iris recognition technology achieved the highest matching accuracy evaluation](#) in the recent Iris Exchange (IREX,\*1) IX evaluations of automated iris recognition algorithms performed by the U.S. National Institute of Standards and Technology (NIST).



Iris recognition technology is a biometrics identifier that uses patterns from the iris, the donut-like tissue that surrounds the pupil. NEC received the top accuracy ranking in the IREX IX evaluation among 13 participating groups, with a matching precision of 99.33% for near-infrared iris images.

NEC will continue with research and development in order to further improve the accuracy of authentication technologies, including the development and provision of iris recognition products and services.

---

## Giving Back To the Community


### NEC Sponsors Reading Program at Marcus Elementary School in Irving, Texas

NEC is committed to supporting education, which is why we fund various afterschool reading and teaching programs throughout the U.S. Just recently, the NEC Foundation of America sponsored the [Catch Up & Read Program](#) at Herbert Marcus Elementary, in the Dallas Independent School District (DISD).

This afterschool program helps at-risk elementary students in first through third grade by getting them to read at or above their grade level. The program incorporates small groups of students, teacher directed instruction and computer-based assessments to help bring students up to grade level by fourth grade. More than 80% of students in the program see double-digit improvements on national reading assessments and more than half of them see improvements of 20% or better.

NEC continues to work with the faculty and staff at Marcus Elementary to help plan fun educational activities as well as provide support to some of the economically challenged families of students.

### NEC Chairman Shin Takahashi Receives "Bridges of Friendship Award"

NEC Chairman, Shin Takahashi, was awarded  the "Bridges-to-Friendship Award" by [The Japan-America Society of Dallas/Fort Worth](#). He received this award in recognition of his leadership with various community organizations contributing to "Bridges-to-Friendship" between Japanese and Americans in the Dallas area.

Shin, along with the NEC Foundation, has worked side-by-side with worthwhile charitable organizations that focus on STEM Education, Health and Human Services and Environmental Stewardship.

Congratulations to Shin on this well-deserved recognition!

### NEC Continues to Support the American Heart Association and the Dallas Heart Walk

[The American Heart Association](#) (AHA) is the nation's oldest and largest voluntary organization dedicated to fighting heart disease and stroke. To fight these diseases, AHA funds innovative research, advocates for

stronger public health policies and provides critical tools and information to save and improve lives.

The Heart Walk is the AHA's premier event for raising funds to save lives. This year marks the sixth year that NEC will take part in this worthwhile event. Beginning in July, NEC employees will form teams and work to raise awareness about factors that can lead to heart disease and stroke as well as raising funds for donation. This year, NEC has set a goal to raise \$50,000 through a combination of individual and business partner donations and a matching grant from the NEC Foundation of America.

On September 8, 2018, NEC employees along with their family members and friends will participate in the 2018 Dallas Heart Walk. NEC employees will join other volunteer walkers from other area companies and organizations on a brisk three-mile starting in downtown Dallas. The Dallas Heart Walk is a wonderful event that gathers together thousands of people focused on helping fight heart disease and stroke. Hats off to NEC and our employees for their continued support of the AHA.

---

## Events

### [IAI International Forensic Education Conference](#)

July 29-August 4, San Antonio, TX

### [32nd Annual AFIS Internet Users Conference](#)

August 26-29, Reston, VA

*\* For hotel accommodations, please use the link above.*

### [The Power of Identity Forum – Federal Law Enforcement](#)

August 27, Reston, VA

*\* To register, please use the link above.*

### [Federal Identity Forum & Exposition](#)

September 25-27, Tampa, FL

### [International Association of Chiefs of Police](#)

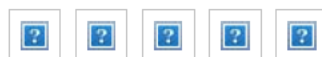
October 6-9, Orlando, FL

---

## Stay Informed

There are several ARS resources to keep you informed:

- [NECAM.com/ARS](#) is your one-stop shop for all things ARS – from our latest use cases to our complete portfolio of identity matching solutions.
- [ARS Resource Page](#) houses the most current assets from ARS – videos, blogs, and more.
- Subscribe to the [NEC Today](#) blog which addresses a variety of issues relevant to the market by NEC thought leaders.



[www.necam.com](http://www.necam.com)

[Unsubscribe](#)



**From:** [Brad Truitt](#)  
**To:** [Sullivan Frank](#)  
**Subject:** Award Nominations for 2018 IDEMIA Public Security Users Conference  
**Date:** Thursday, March 29, 2018 10:02:21 AM

---



## Quick Hits #5

### ***Nominations for the 2018 Annual Awards are open.***

Dear fellow IDEMIA users,

Nominations are open for the annual Users Conference awards. Below, you'll find the nomination form and instructions for nominating your colleagues for the annual awards.

To read more about the annual awards, visit the Awards tab on the [conference website](#).

**IDEMIA Public Security Users Conference Annual Awards**



The **Bill Whyte Hit of the Year Award** acknowledges a professional who has made significant fingerprint identifications using biometric technology. Chief Superintendent Bill Whyte of the RCMP was a valued member and past Chairperson of the Printrak Biometrics Executive Committee (predecessor of the Executive Users Board). He served 33 years in forensic identification, and was well known and admired throughout the international police community and the biometric industry as a leader in fingerprint identification innovation.



The **Face Hit of the Year Award** acknowledges a professional who has used facial recognition technology to solve a crime. The Face Hit of the year was created in response to the increasingly prominent role that biometric facial recognition plays in modern law enforcement. The 2017 award was presented to the team at Delaware State Police for an arrest aided by facial recognition, and supported by tattoo recognition.



The **Kathy Medrano Lifetime Achievement Award** recognizes a colleague who has demonstrated effort and dedication far beyond the scope of his or her assigned duties or the normal expectations of the individual's profession. The award was established to recognize an individual for contributions to the Forensic Science Community, particularly applications in biometrics. Kathy Medrano served at the Albuquerque Police Department for over 20 years as a project manager in the crime lab.



The **Johan Parlevliet Employee Recognition Award** is presented each year by the Users Group to acknowledge an employee whose outstanding service has helped an agency achieve its goals. Johan Parlevliet was the company's longtime European Service Manager. He served the Netherlands National Police Services Agency (KLPD) and other agencies for more than 24 years. Johan was beloved by the customers, and built and maintained an important bridge between users and the company's engineers.

## How to Nominate a Colleague for an Award

To nominate a colleague for the Bill Whyte Hit of the Year, Face Hit of the Year, Kathy Medrano Lifetime Achievement Award, or Johan Parlevliet Employee Recognition Award:

1. Click **Reply** on this email. (Do not send until you have completed step 2.)
2. Fill out the nomination form below. You are welcome to attach photos and other exhibits.
3. Click **Send**. Your nomination is sent to [Brad Truitt](#), Vice Chairperson of the Executive Users Board.

---

## Nomination Form

Submitted by:
Agency:
Date:
Name of Award:
Individual/Team being nominated:
Nominee's Position:
Nominee's Employer:

Why are you nominating this person or team for this award? *Unlimited length. Press **Enter** as needed to expand text field. If you'd like, you may also attach photos and other exhibits.*

*Note: Click [Send](#) to submit this nomination.*

Please submit award nominations by April 30.

*We look forward to seeing you in Costa Mesa!*

IDEMIA, 296 Concord Road, Ste. 300, Billerica, MA 01821

[SafeUnsubscribe™ fsullivan@sbcscd.org](#)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [brad.truitt@tn.gov](mailto:brad.truitt@tn.gov) in collaboration with

[Constant Contact](#)



[Try it free today](#)

**From:** [BiometricUpdate.com](http://BiometricUpdate.com)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Biometric Update for 11/30: Biometric cards in China, Amazon criticized, biometric bank and more  
**Date:** Friday, November 30, 2018 11:00:27 AM



[DAILY NEWS](#) | [DIRECTORY](#) | [INTERVIEWS](#) | [RESEARCH](#) | [WHITE PAPERS](#)



## [Fingerprint Cards argues biometric cards are perfect compliment to mobile payments in China](#)

While smartphones are commonly used for payments in China, biometric payment cards can fill a significant and often-forgotten gap in...[full story](#)

## [NEC providing facial recognition for automated check-out in Japan convenience store pilot](#)

Seven-Eleven Japan is planning to open a "cashierless" convenience store leveraging facial recognition technology from NEC for customer self check-out,...[full story](#)

## [Delta's biometric terminal unveiled in Atlanta, announced for Detroit](#)

Delta Air Lines today unveiled the first biometric terminal in the United States at the Maynard H. Jackson International Terminal...[full story](#)

## [Secret Service trials facial recognition system around White House complex](#)

You'd think the entirety of the "White House Complex," as it is known inside the "Beltway," would certainly be now...[full story](#)

## [Members of U.S. Congress criticize Amazon responses in new letter requesting facial recognition details](#)

Eight democrats from the U.S. Congress have sent a letter to Amazon CEO Jeff Bezos, requesting additional information about its...[full story](#)

## [Biometrics and conversational AI power China's Tencent-backed online-only bank](#)

Virtual robots powered by facial recognition, speech recognition, natural language processing and other artificial intelligence technologies are providing VIP customer...[full story](#)

## [Jumio selected to RegTech100 for second consecutive year](#)

Jumio has been chosen as one of RegTech100's most innovative companies for the second consecutive year. A panel of analysts...[full story](#)

## [Reports indicate no 3D facial recognition in new Samsung flagship smartphones](#)

The highly anticipated forthcoming Samsung Galaxy S10 flagship smartphone lineup will likely not include facial recognition in any of its...[full story](#)

## [Zwipe reveals Middle East biometric card trials, hires smartcard industry expert](#)

Zwipe announced that ten banks across the Middle East have begun pilots of Visa biometric payment cards featuring its unique...[full story](#)

### Signicat chosen to provide digital signing technology to Nordic retail bank customers

Nordic financial institution Resurs Bank has chosen mobile signing technology from Signicat for credit agreements to enable its retail finance...[full story](#)

### Panasonic launches tablet solution for passport and ID control

Panasonic has launched an integrated mobile identification and access control solution with its 7-inch enterprise tablet to serve border control,...[full story](#)

### IDEX collaborates with HED on biometric card reference design

IDEX Biometrics is collaborating with CEC Huada Electronic Design Co. (HED) on a reference design for biometric cards to simplify...[full story](#)

## BIOMETRICS EVENTS

### 5th Border Management and Identity Conference

5th Border Management and Identity Conference Bangkok, Thailand December 11 – 13, 2018 The 5th Border Management and Identity Conference...[full story](#)

Categories: [Biometrics Industry Events](#)

Share: [Facebook](#) | [Twitter](#)

### Securing Digital ID 2018

Securing Digital ID 2018 December 4-5, 2018 Washington DC Join us for an authentication showcase featuring experts who will explore,...[full story](#)

Categories: [Biometrics Industry Events](#)

Share: [Facebook](#) | [Twitter](#)

### Big Data & AI Asia 2018

Big Data & AI Asia 2018 December 4 – 5, 2018 Suntec Singapore Convention & Exhibition Center, Singapore Big Data...[full story](#)

Categories: [Biometrics Industry Events](#)

Share: [Facebook](#) | [Twitter](#)

### Intersec

Intersec 20 – 22 January, 2019 Dubai, UAE The world's leading trade fair for Security, Safety and Fire Protection The...[full story](#)

Categories: [Biometrics Industry Events](#)

Share: [Facebook](#) | [Twitter](#)

### Digital Commerce Asia Pacific

Digital Commerce Asia Pacific Renaissance Convention Center Kuala Lumpur, MALAYSIA January 23-24, 2019 On 23-24 January 2019, APSCA will organize...[full story](#)

Categories: [Biometrics Industry Events](#)

Share: [Facebook](#) | [Twitter](#)

This email was sent to [jharper@sbcisd.org](mailto:jharper@sbcisd.org) because you opted in on the BiometricUpdate Web site.

[Manage Subscriptions](#) | [Unsubscribe](#) | Copyright 2018 BiometricUpdate.com.  
6 Wilkins Avenue, Toronto, Ontario M5A 3C3 416-473-8853.

**From:** [BiometricUpdate.com](http://BiometricUpdate.com)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Biometric Update for 12/13: More NIST FRVT results, new CPO at ID R&D, SensiPass interview and more  
**Date:** Thursday, December 13, 2018 3:35:28 PM



**DAILY NEWS | INTERVIEWS | STOCKS | BLOGS | COMPANIES | EVENTS**



## Deep fake technology outpacing security countermeasures

Deep fake technology is such a dangerous concern that the U.S. Department of Defense and intelligence community components are beginning to vigorously work on biometric countermeasures ... [Read the whole story here.](#)

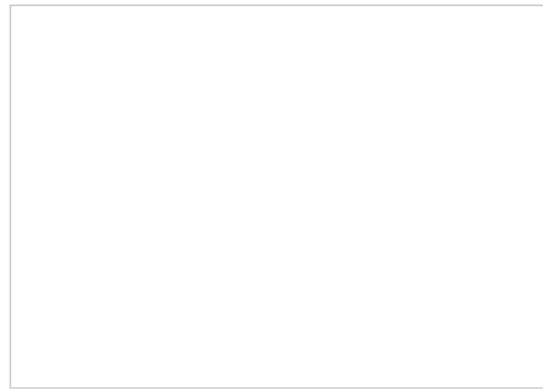
Today's news coverage continues below. Thanks for reading.

**Daily Biometrics News**



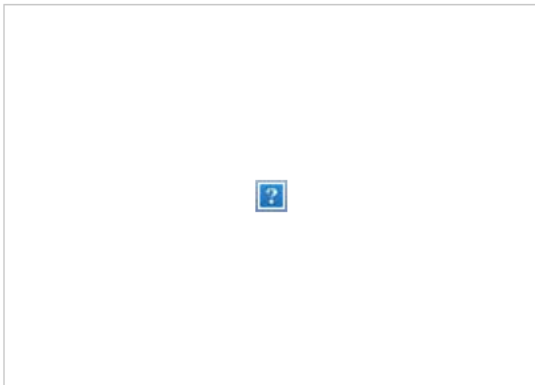
### **SensiPass reinvents the knowledge factor to offer three-factor authentication**

Knowledge-based authentication is blamed for many data breaches, and the weakness of traditional KBA systems has been one of driving...



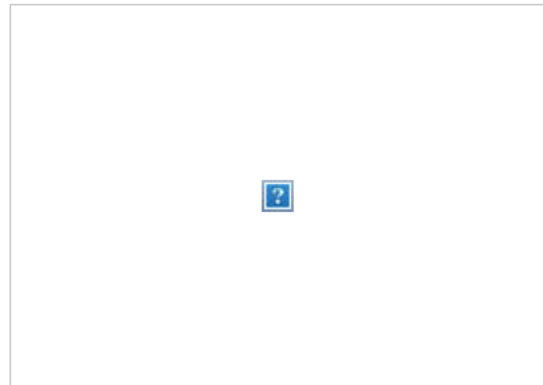
### **ID R&D announces new contact center partner and executive appointment**

ID R&D will provide multimodal biometric authentication for call-center customers of TEN DIGIT Communication's TDC BRIDGE solution, the company has...



### **NIST testing shows Rank One facial recognition algorithms' combination of speed and accuracy**

Rank One Computing has announced that its biometric algorithms have reduced error rates in NIST's Ongoing Face Recognition



### **IDEMIA delivers machine-readable biometric ID card to Nepal**

IDEMIA announced that it has begun delivery of biometrics-based national identity cards to Nepal. The company has been working with...

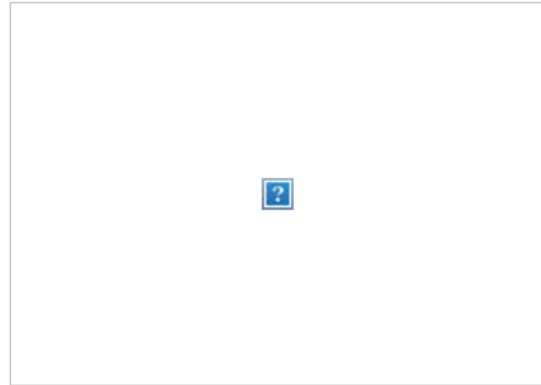
Vendor Test...

---



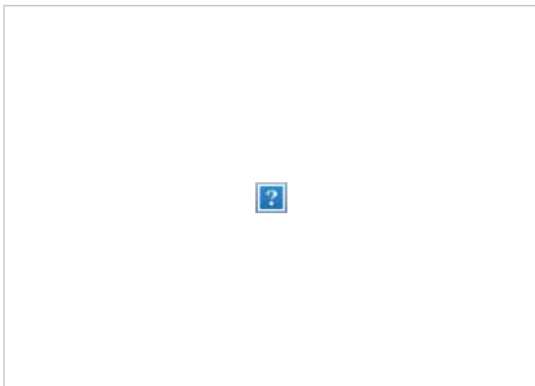
**Fingerprint Cards signs cooperation agreement for biometric door locks**

Fingerprint Cards announced today it has signed a memorandum of understanding agreement regarding biometric door locks with China Synodata, a...

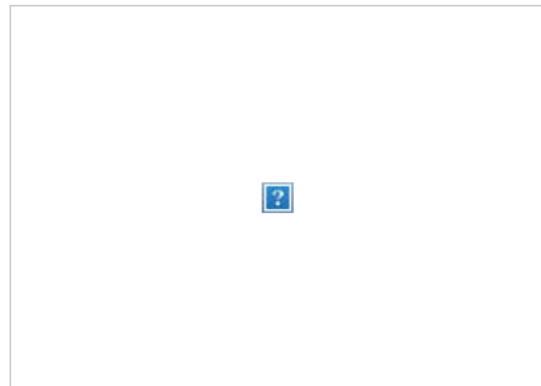


**NEXT Biometrics and IOTA collaborate to develop IoT solutions**

NEXT Biometrics has announced a collaboration effort with IOTA Foundation to develop IoT solutions integrating NEXT's fingerprint sensor technology and...



**Imprivata partners with DigiCert to streamline identity proofing**



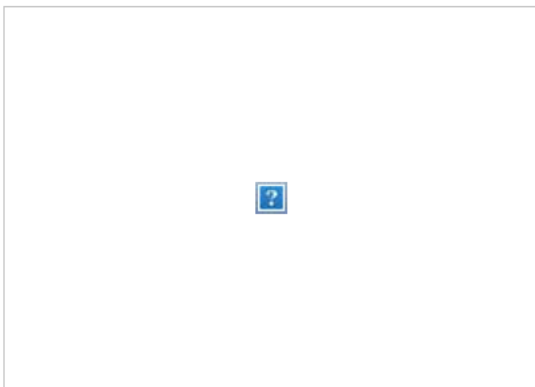
**European Commission conditionally approves Thales**

## **workflows for electronic prescriptions**

Imprivata and federally approved certificate authority DigiCert have announced a partnership to deliver a streamlined, fully integrated workflow for remote...

## **acquisition of Gemalto**

The European Commission has approved the acquisition of Gemalto by Thales under the EU Merger Regulation, on condition that Thales...



## **NICE voice biometrics to secure voice channel for Swiss bank customers**

Swiss retail financial institution PostFinance has integrated voice biometrics with NICE Real-Time Authentication (RTA) with its call center operations to...

## **Silverfort announces AI risk engine to enable adaptive authentication**

Next-generation multi-factor authentication (MFA) technology provider Silverfort has announced the development of an AI-based risk engine for analyzing activities across...

- ☐ [Pulse Secure adds behavior analysis and step-up authentication to industrial IoT security system](#)
- ☐ [Algorithmic Justice League calls on facial recognition companies to pledge ethics](#)
- ☐ [Fingopay deployments for biometric finger vein payments expanding](#)

- ☐ [NIST finds security issues with first responder mobile, wearable devices](#)
- ☐ [IntelliVision rolls out its Channel Partner Program](#)

## Upcoming Events

### **Intersec**

☐ January 20, 2019 - January 22, 2019

Intersec 20 – 22 January, 2019 Dubai, UAE The world's leading trade fair for Security, Safety and Fire Protection The...

---

### **Digital Commerce Asia Pacific**

☐ January 23, 2019 - January 24, 2019

Digital Commerce Asia Pacific Renaissance Convention Center Kuala Lumpur, MALAYSIA  
January 23-24, 2019 On 23-24 January 2019, APSCA will organize...

---

### **Border Security Conference 2019**

☐ February 12, 2019 - February 13, 2019

Border Security Conference 2019 Rome, Italy February 12 – 13, 2019 With the migrant crisis ongoing in the Mediterranean and...

---

### **TB Forum**

☐ February 12, 2019 - February 14, 2019

TB Forum February 12-14, 2019 Moscow, Russia TB Forum is a must-attend event for high-end security products buyers and vendors....

---

This email was sent to [jharper@sbcscd.org](mailto:jharper@sbcscd.org) because you opted in on the Biometric Update Web site.

[Manage Subscriptions](#) | [Unsubscribe](#)  
Copyright 2018 Biometrics Research Group, Inc.

6 Wilkins Avenue, Toronto, Ontario M5A 3C3 416-473-8853.

**From:** [BiometricUpdate.com](http://BiometricUpdate.com)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Biometric Update for 12/20: Biometric cards, Onfido celebrates growth, Waldo Photos raises \$4M and more  
**Date:** Thursday, December 20, 2018 12:30:27 PM



**DAILY NEWS | INTERVIEWS | STOCKS | BLOGS | COMPANIES | EVENTS**



## NEC weighs in on regulation of facial recognition and urges industry dialogue

NEC President and CEO Takashi Niino says the company welcomes debate around government regulation of facial recognition and how the industry can responsibly protect people from discrimination, invasions of privacy, and rights violations ... [Read the whole story here.](#)

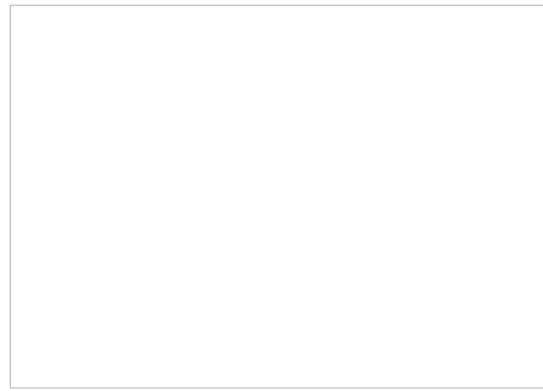
Today's news coverage continues below. Thanks for reading.

**Daily Biometrics News**



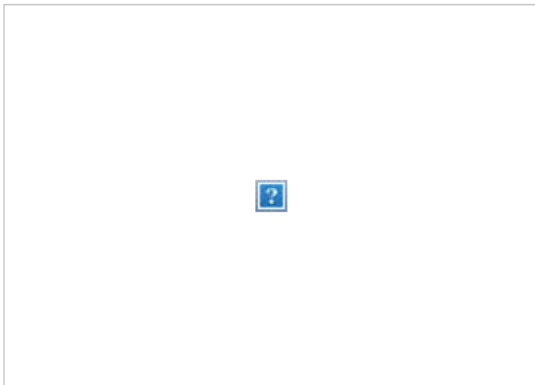
### **IDEX executive says biometrics key to access as growth of digital payments causes fear**

The prospect of a cashless society is causing concern after a report suggested it could leave some communities behind, the...



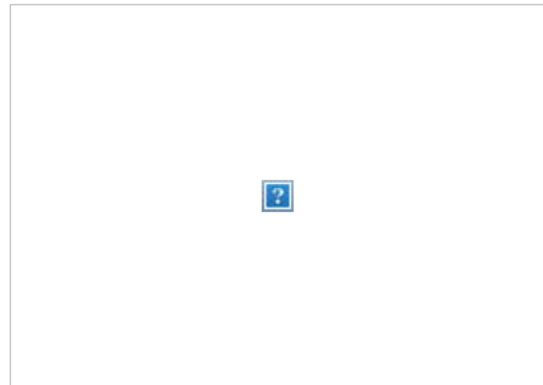
### **NEXT Biometrics CEO appointed to Cohu board of directors**

Back-end semiconductor equipment supplier Cohu, Inc. announced that NEXT Biometrics CEO Ritu Favre has been appointed to the Cohu Board...



### **Gemalto contactless biometric payment cards piloted by Italian bank**

Italy's largest banking group Intesa Sanpaolo will pilot Mastercard biometric contactless payment cards supplied by Gemalto in the first European...



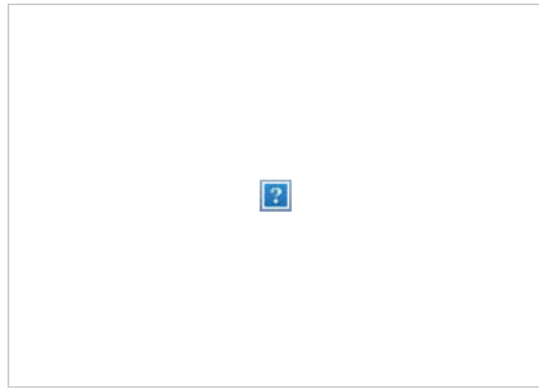
### **Biometric photo search startup Waldo Photos raises \$5M to grow team**

Facial recognition service startup Waldo Photos has raised \$4 million in a financing round led by Lewis & Clark Ventures...



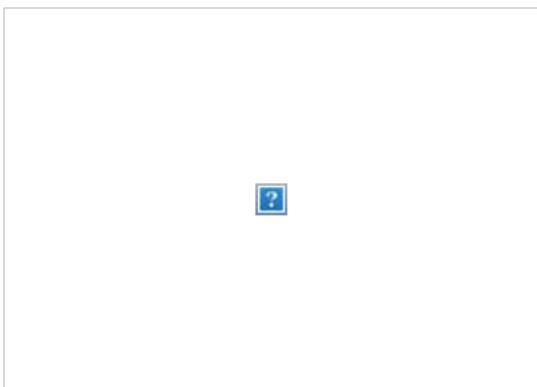
### **Neurotechnology launches robotic navigation SDK**

Neurotechnology has released the new SentiBotics Navigation Software Development Kit to give researchers and engineers the tools to develop pathway...



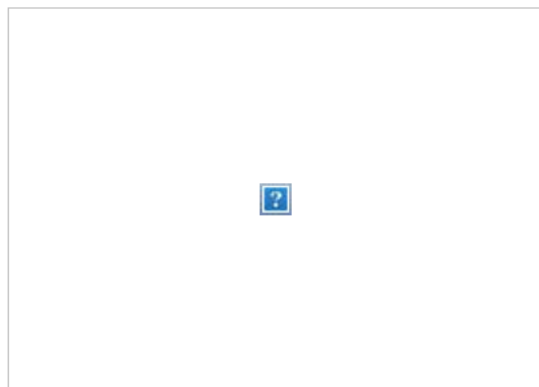
### **Sales of Onfido biometric and ID check products leap 342 percent in 2018**

Onfido has announced that its sales increased by 342 percent year over year in 2018, which it hails as a...



### **UINT technology talent shifts to MeReal Biometrics in Asia and France**

MeReal Biometrics has announced a pair of



### **IDEMIA moving its North American headquarters to Virginia**

Virginia Governor Ralph Northam

appointments to boost its team in Asia and France. Jun Cheng, who spent...

announced today that IDEMIA will relocate its North American Identity & Security headquarters from Massachusetts to...

- ☐ [NEC weighs in on regulation of facial recognition and urges biometric industry dialogue](#)
- ☐ [U.S. authorities launching facial recognition pilot at Canadian border to ease truck congestion](#)
- ☐ [Vision-Box honored for its biometrics-based passenger processing solution](#)
- ☐ [CardLab partners with QuardLock on complete biometric smartcard system](#)
- ☐ [Miami International Airport awarded for biometric passenger screening](#)

## Upcoming Events

### **Intersec**

☐ January 20, 2019 - January 22, 2019

Intersec 20 – 22 January, 2019 Dubai, UAE The world's leading trade fair for Security, Safety and Fire Protection The...

### **Digital Commerce Asia Pacific**

☐ January 23, 2019 - January 24, 2019

Digital Commerce Asia Pacific Renaissance Convention Center Kuala Lumpur, MALAYSIA  
January 23-24, 2019 On 23-24 January 2019, APSCA will organize...

## **Border Security Conference 2019**

☐ February 12, 2019 - February 13, 2019

Border Security Conference 2019 Rome, Italy February 12 – 13, 2019 With the migrant crisis ongoing in the Mediterranean and...

---

## **TB Forum**

☐ February 12, 2019 - February 14, 2019

TB Forum February 12-14, 2019 Moscow, Russia TB Forum is a must-attend event for high-end security products buyers and vendors....

---

## **Africa BFSI Innovation Summit 2019**

☐ February 19, 2019 - February 20, 2019

Africa BFSI Innovation Summit 2019 Nairobi, Kenya February 19-20, 2019 Over 200 senior BFSI professionals, including the top CIOs, CISOs,...

---

This email was sent to [jharper@sbcscd.org](mailto:jharper@sbcscd.org) because you opted in on the Biometric Update Web site.

[Manage Subscriptions](#) | [Unsubscribe](#)  
Copyright 2018 Biometrics Research Group, Inc.

6 Wilkins Avenue, Toronto, Ontario M5A 3C3 416-473-8853.



**From:** [BiometricUpdate.com](http://BiometricUpdate.com)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Biometric Update for 12/21: Biometric adoption at airports, authentication tech for payments and more  
**Date:** Friday, December 21, 2018 11:25:24 AM



**DAILY NEWS | INTERVIEWS | STOCKS | BLOGS | COMPANIES | EVENTS**



## Google Cloud pauses facial recognition offering to work out responsible use challenges

Google appears to have come down closer to Microsoft than Amazon, as the cloud giants pick positions on the readiness of their facial recognition for broad deployment ... [Read the whole story here.](#)

Today's news coverage continues below. Thanks for reading.

**Daily Biometrics News**



### **Acuity Principle Most calls 2019 critical tipping point for airport biometrics as “Fastlanes” expand**

The coming year will be a “critical tipping-point” for airport biometrics, as passenger acceptance and operator commitment increase, according to...



### **EPC poll shows fingerprint tech has greatest customer adoption potential for biometric payment authentication**

Payments industry stakeholders believe the biometric modalities with greatest potential for biometric authentication adoption by consumers in the next five...



### **Citi introduces biometric authentication to replace passwords on institutional platform**

Citi Treasury and Trade Solutions (TTS) has



### **Ping Identity reported to be in preparation for IPO at up to \$3 billion valuation**

Ping Identity is being prepared for an initial public offering which could value it at between \$2 billion and \$3...

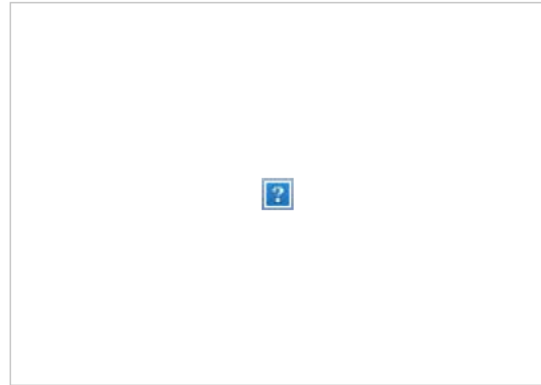
launched biometric authentication for its CitiDirect BE desktop and mobile platforms, enabling clients...

---



### **Hong Kong rolls out ID cards with higher resolution photos for facial biometrics**

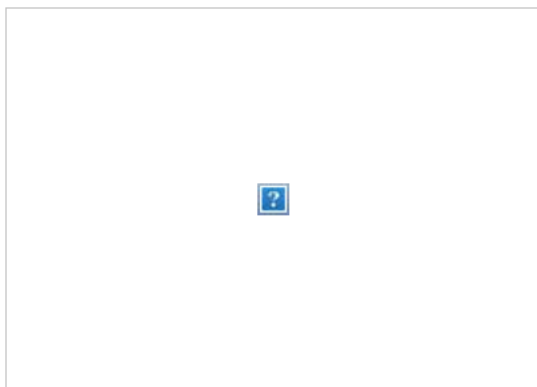
New Hong Kong identity cards featuring higher resolution photos to support facial biometrics are being introduced for residents getting their...



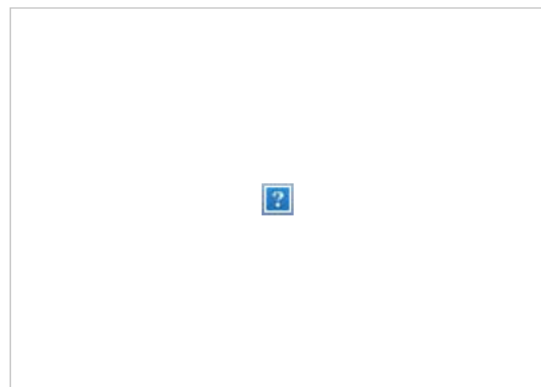
### **BrainChip increases facial classification accuracy up to 30 percent**

BrainChip has announced an update of its AI-powered video analysis software BrainChip Studio that it says improves its face classification...

---



### **IDEX executive says biometrics**



### **NEXT Biometrics CEO**

### **key to access as growth of digital payments causes fear**

The prospect of a cashless society is causing concern after a report suggested it could leave some communities behind, the...

### **appointed to Cohu board of directors**

Back-end semiconductor equipment supplier Cohu, Inc. announced that NEXT Biometrics CEO Ritu Favre has been appointed to the Cohu Board...

- ☐ [IDEMIA moving its North American headquarters to Virginia](#)
- ☐ [UINT technology talent shifts to MeReal Biometrics in Asia and France](#)
- ☐ [Gemalto contactless biometric payment cards piloted by Italian bank](#)
- ☐ [Biometric photo search startup Waldo Photos raises \\$5M to grow team](#)
- ☐ [Neurotechnology launches robotic navigation SDK](#)

## **Upcoming Events**

### **Intersec**

☐ January 20, 2019 - January 22, 2019

Intersec 20 – 22 January, 2019 Dubai, UAE The world's leading trade fair for Security, Safety and Fire Protection The...

### **Digital Commerce Asia Pacific**

☐ January 23, 2019 - January 24, 2019

Digital Commerce Asia Pacific Renaissance Convention Center Kuala Lumpur, MALAYSIA  
January 23-24, 2019 On 23-24 January 2019, APSCA will organize...

---

## **Border Security Conference 2019**

☐ February 12, 2019 - February 13, 2019

Border Security Conference 2019 Rome, Italy February 12 – 13, 2019 With the migrant crisis ongoing in the Mediterranean and...

---

## **TB Forum**

☐ February 12, 2019 - February 14, 2019

TB Forum February 12-14, 2019 Moscow, Russia TB Forum is a must-attend event for high-end security products buyers and vendors....

---

## **Africa BFSI Innovation Summit 2019**

☐ February 19, 2019 - February 20, 2019

Africa BFSI Innovation Summit 2019 Nairobi, Kenya February 19-20, 2019 Over 200 senior BFSI professionals, including the top CIOs, CISOs,...

---

This email was sent to jharper@sbcscd.org because you opted in on the Biometric Update Web site.

[Manage Subscriptions](#) | [Unsubscribe](#)  
Copyright 2018 Biometrics Research Group, Inc.

6 Wilkins Avenue, Toronto, Ontario M5A 3C3 416-473-8853.



**From:** [Sarah Martin](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** connect:ID 2017 - Top ten reasons to join us at the connect:ID conference  
**Date:** Thursday, April 20, 2017 10:10:31 AM

---



[Home](#) [Free Exhibition](#) [Conference](#) [Contact](#)



## Key topics explored and your questions answered at the *connect:ID* conference

May 1-3 | Washington, DC

With just over one week to go, join us for the *connect:ID* conference to explore the latest thinking in identity technology, share in the experience of others and prepare yourself for the future of this fast moving sector.

[View Conference Agenda →](#)

[Book Conference →](#)

### Key topics and questions at *connect:ID* include:

- : 1    What is extreme vetting and how is it being implemented?**  
The new US Administration has proposed major changes in longstanding security and immigration policies. Explore what extreme vetting really means, how identity can be ascertained, and how both government and industry are tackling it.
- : 2    Disruptive global trends and the role of effective identity technology**  
Hear from a Former Assistant Secretary of Homeland Security for Border, Immigration & Trade Policy, the Head of Immigration and Border Management for International Organization for Migration, an expert on terrorist financing, and DHS S&T on how identity technologies can aid decision makers manage disruptive trends, such as terrorism, mass displacement of populations, and immigration.
- : 3    Facial recognition and law enforcement: technology and policy**  
There are increased calls for facial recognition to be used more widely,

especially in law enforcement, but controversial policy and technology issues have emerged. Hear our speakers - from all sides of the argument - debate the issues and offer their insights on potential solutions.

**: 4      Credentials in focus - mDLs take center stage**

A coming shift towards mobile or digital driving licences (mDLs), that many expect will occur within the next decade, will have major implications for the identity industry. From privacy and security issues, to technological advances, explore all the opportunities and ramifications with our experts.

**: 5      Implementing biometric Entry/Exit**

Representatives from Customs and Border Patrol, the Transport Security Administration, Airlines, and Airports come together to discuss how they can work in unison to implement a full biometric entry/exit system while maintaining traveler flow.

**: 6      Fireside Chat with Congressman Scott Peters (CA-52)**

Get a view from the front line, as current border security and immigration policy is discussed from the perspective of a member of Congress whose district includes the important US southwest border.

**: 7      DHS multimodal biometric identity services and data sharing: today and into tomorrow**

Learn about new multimodal biometric identity services capabilities available to DHS IDENT customers and take a look at future capabilities being developed now for the new Homeland Advanced Recognition Technology (HART).

**: 8      Principles on Identification for Sustainable Development: Towards the digital age**

A high-level group of 18 international organizations have developed and endorsed a set of ten principles which aim to help countries and partners maximize the benefits of national ID systems for sustainable development while mitigating many of the risks. Our experts will explain the principles and how they could affect the way you do business.

**: 9      Accuracy and reliability of mobile devices**

With mobile devices becoming ever more widely used for identity

authentication how do we measure performance and metrics as well as ensuring quality? Panelists from Samsung, Crossmatch, Novetta, and Deloitte & Touche will provide the answers.

## **: 10 Our 5 keynote speakers' names speak for themselves...**

**: Kevin K. McAleenan**, Acting Commissioner, US Customs and Border Protection, Department of Homeland Security

**: Ray Martinez**, Chairman and Chief Administrator, New Jersey Motor Vehicle Commission (MVC)

**: Congressman Michael T. McCaul** (TX-10), Chairman, House Committee on Homeland Security

**: Jules Polonetsky**, CEO and Executive Director, Future of Privacy Forum

**: John Wagner**, Deputy Executive Assistant Commissioner, Office of Field Operations, U.S. Customs and Border Protection

[View Conference Agenda →](#)

[Book Conference →](#)

## **Free *connect:ID* Exhibition**

### **: Source solutions**

We're proud to be hosting so many leading identity technology organizations who will be showcasing an impressive array of solutions all under one roof.

### **: Learn**

Join the **Knowledge Exchange** - our program of free seminars available to all exhibition visitors and attend a keynote session featuring **Jules Polonetsky**, CEO and Executive Director of the Future of Privacy Forum.

### **: Meet**

With 1,250 attendees expected from government, academia, and industry, you'll have countless opportunities to strengthen your professional network.



[Download the \*connect:ID\* Expo Guide](#)

## About connect:ID

Now in its fourth year, **connect:ID** is an international event focusing on advanced identity technologies. It is held annually in Washington, DC and attracts 1250 identity and security professionals from governments and the private sector. The event is organized by [Science Media Partners](#) and the [International Biometrics + Identity Association](#) (IBIA).

## Sponsors

Platinum Sponsor

Qualcomm



Gold Sponsor

Leidos



Gold Sponsor

MorphoTrak



Silver Sponsor



Silver Sponsor



Bronze/Product Launch

Crossmatch



Bronze Sponsor



Sponsor

Gemalto



Sponsor

Griaule Biometrics



Sponsor



Sponsor

PWPW



Follow us:

Twitter



#connectID17

Event Powered by



Science Media Partners publishes the following emails:

- connect:ID event news
- SDW event news
- Planet Biometrics Daily Newsletter
- Security Document World newsletter

© Science Media Partners, 2017  
25 Horseshoe Business Park,  
Pangbourne, Reading, UK  
[No more emails from SMP](#)

[I would like to choose which emails I receive](#)

[Choose my email preferences](#)

**connect:ID 2017** | Conference: May 1-3, 2017 | Exhibition: May 2-3, 2017 | WEWCC | Washington DC | USA  
Tel: +44 (0)1189 843209 | [m.lockie@sciencemediapartners.com](mailto:m.lockie@sciencemediapartners.com) | [www.connectidexpo.com](http://www.connectidexpo.com)

**From:** [Rigali, Mark](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** face rec  
**Date:** Tuesday, January 30, 2018 4:07:29 PM  
**Attachments:** [FR18028001.pdf](#)

---

You were also going to send me contact info for the LASD face rec guy.

Mark Rigali, Lieutenant  
Cal ID|Biometric Identification Network  
Riverside County Sheriff's Department  
1260 Palmyrita Avenue  
Riverside, CA 92507

 desk  
cell

**From:** [Greg Mills](#)  
**To:** [Landen, Scott](#); [Sullivan, Frank](#)  
**Subject:** Facial Rec for San Bernardino Sheriff  
**Date:** Wednesday, September 26, 2018 9:08:10 AM

---

Gentlemen,

It was great to meet you last week. I hope you found our facial recognition presentation informative. I wanted to reach out and get you started on a potential trial of our system for 30 days. I will need a list of members that you would like to have access (or if it's to be opened up for the entire department for 30 days, we can do that).

I spoke with Assistant Sheriff Vest from over at Riverside County Sheriff after our meeting. He does have an interest in getting his booking photos uploaded into the system, and did reference the CAL ID project that is already in place between the two agencies. I will be following up with him on that over the next couple weeks.

Thank you!

Greg Mills  
Vigilant Solutions



**From:** Todd Pastorini <TPastorini@DATAWORKSPLUS.com>  
**Sent:** Monday, September 10, 2018 10:25 AM  
**To:** Sullivan, Frank; Harper, Jerry - Sheriff; Landen, Scott  
**Subject:** FW: Please join us at the 2018 IC2!

I haven't seen your registration yet. Let me know if you want us to make your hotel and conference registration.

Todd

## Please Register for 2018 IC2

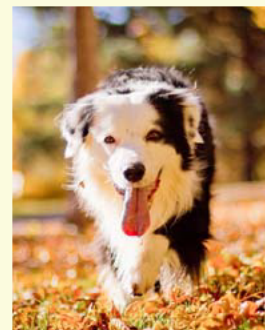


2018 IC2 is just around the corner and we hope you can make it! We have a few announcements and reminders for you regarding conference registration, hotel information, airport transportation, conference activities, and open committee positions.

### Conference Registration & Hotel Information

Just a reminder, you are not currently registered for the conference. If you are planning to join us this year in Boise, please [register for the conference](#) and make your hotel reservations soon.

DataWorks Plus has blocked out rooms for the conference and the block will be closing soon. Please reserve your room by calling the hotel at (208) 343-1871 **before Friday, September 14**. Ask for the DATAWORKS PLUS group rate. The Riverside Boise is a pet-friendly hotel - so feel free to bring your pets! A \$25 non-refundable pet fee is required. Contact the hotel for more information.



### Complimentary Airport Shuttle

The hotel offers a complimentary airport shuttle. Please call them after your plane lands and you have picked up your luggage: (208) 343-1871



## Conference Agenda & Activities

In addition to offering multiple advanced training opportunities and informational sessions on topics including facial recognition, livescan, mobile fingerprint identification, Aurora Colorado movie theater shooting, cNET, and pre-booking software, the IC2 committee has planned several activities, which highlight beautiful Boise and boost networking. Click [here](#) for this year's tentative agenda, then read more about the planned activities below.

### Registration - Monday Evening or Tuesday AM

Early registration starts at 5:30 PM on Monday, followed by a hosted reception until 7:30. The hospitality room will be open afterwards. If you can't make early registration, you can still register and pick up your materials on Tuesday morning from 8:00 to 8:30 AM.

### Tuesday

Tuesday night, join your regional sales manager and other regional agencies for dinner out with sales.

## Wednesday

After lunch, we will walk, bike or shuttle to nearby Ann Morrison Park for an afternoon of team building activities, including bocce, target shooting, frisbee golf, horseshoes, golf chipping, and Idaho potato launching.



## Thursday

On Thursday evening, the InterConnect Conference closing and banquet will be held after hours at Zoo Boise, located in the heart of downtown Boise. Zoo Boise is home to over 300 animals. In addition to the reception and banquet, attendees will be treated to an animal presentation and have an opportunity to feed the giraffes.



## Spouse Activities

In addition to the regular conference activities, spouses are encouraged to join other spouses for the following activities in Boise.



## Tuesday - Boise Greenbelt Bike Tour & Wine Tasting

We will depart at 11 AM for a leisurely bike ride to lunch in downtown Boise at Life's Kitchen. After lunch, we will continue our bike ride through the Boise State University Campus and return back along the beautiful Boise Greenbelt river path to the Riverside at the Telaya and Coiled winery

tasting room. The bike ride is a level path and can be ridden at a casual pace. We will be back to the tasting room around 2:30-3:00, and guests may stay as long as you'd like for wine tasting.

## Thursday - Table Rock Hike/Old Penitentiary Tour

We will meet in the lobby at 9 AM and carpool over to the Old Idaho Penitentiary. From the parking lot at the old prison, we will take a 1.6 mile hike to the top of Table Rock for beautiful views overlooking Boise and beyond. After hiking down, we will enjoy a picnic box lunch and tour of this unique historical site and 100 years of Idaho's prison history. Lunch and tour tickets will be provided. Wear comfortable shoes and workout clothes. Bring water! We will return to the hotel by 3 PM.

## Trading Post - Take One, Leave One

Please plan to bring your agency's items or memorabilia to trade at the Trading Post table located in the DWP Demo Room.



## Open Committee Positions

Several committee positions are opening and we'd like you to consider nominating yourself (or someone else) if you think it will be a good fit. Nomination forms will be located in the Demo Room. Voting will take place in the User's Group meeting on Thursday.

## East Coast Vice President

**Term:** 2 years, 3rd year as President



## Product Chairs

**Term:** 1 year, no term limit

There are 4 product chair positions.

- **Product Chair 1:** LiveScan Plus, Digital PhotoManager, Inmate Tracking
- **Product Chair 2:** NIST Manager Plus, Biometrics, Facial Recognition
- **Product Chair 3:** Digital CrimeScene
- **Product Chair 4:** Mobile Identification

Please click below to email your nomination:

[ic@dataworksplus.com](mailto:ic@dataworksplus.com)

In your email, please include:

- Your name, title and agency
- The office you are applying for
- Brief description of qualifications

*We hope to see you in Boise!*

**From:** [Landen, Scott](#)  
**To:** [Harper, Jerry - Sheriff](#); [Sullivan, Frank](#)  
**Subject:** FW: Dates for Facial Recognition Training  
**Date:** Thursday, April 12, 2018 3:50:37 PM  
**Attachments:** [image001.png](#)

---

The dates for the FBI Facial Recognition training have been set:

**DATES:** June 19, 20, 21, 2018. (Tuesday, Wed, Thursday)

**TIMES:** 8:00am – 4:00pm

**LOCATION:** Cal ID Office – 1260 Palmyrita Avenue, Riverside.



**Scott Landen, Lieutenant**  
San Bernardino County Sheriff's Dept.  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
Desk: [REDACTED]  
Cell: [REDACTED]



**CONFIDENTIALITY NOTICE:** This communication contains legal privileged and confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

**From:** [Sullivan, Frank](#)  
**To:** [Rigali, Mark](#)  
**Subject:** FW: Face Id Training this March  
**Date:** Tuesday, January 30, 2018 4:55:37 PM  
**Attachments:** [Facial Identification Flyer.pdf](#)

---

**From:** Mark Dolfi [mailto:inyourfaceidtraining@gmail.com]  
**Sent:** Monday, January 29, 2018 7:54 PM  
**Subject:** Face Id Training this March

Hello,

This is Mark again, here is the email I spoke about where I developed a 16-hour Facial Identification Training Course, which a flyer is attached. This course is different from the 8-hour LA Photomanager class I teach at LACRIS as it fully meets the recommendations set by the Facial Identification Scientific Working Group (FISWG). This is a venture that I am seeking outside of the Sheriff's Department and has no affiliation to them.

It is rumored that the FBI will soon require any law enforcement official who requests a facial recognition search through their NGI FACE Services Unit, to possess at least a basic level of knowledge. They have identified that the basic level of knowledge requirements are very similar to what is found in FISWG's Guidelines and Recommendations for Facial Comparison Training to Competency document. The 40-hour class offered by a couple of vendors, although beneficial, can be hard to accomplish with your workload, tuition and travel arrangements. It is not possible to meet these requirements in an 8-hour class that focuses on a facial recognition system's functions. This is why my 16 hour class was developed. It meets those FBI requirements it seeks and I can travel to your agency.

As the current IAI Chair of the Facial Identification Subcommittee, our group is tasked with creating a training program that can be hopefully certified by the IAI in both a 16 (basic) and 40 (advanced) hour level soon. The FBI works closely with FISWG and the IAI to share and create the guidelines, standards and best practices for facial identification and we look forward to accomplishing this task.

Take a look at the flyer and the website for more information on hosting a class at your agency. I do offer a class locally, however, they are on a small scale and do not run on a specific schedule. I plan to travel to agencies around the country in hopes of preparing everyone for the future of facial identification.

If you have any questions at all, you can reply to this email or use the contact us page on the website.

Looking forward to hearing from you!

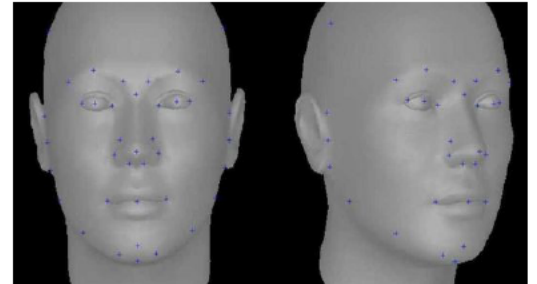
Mark

In Your Face Id Training



# IN YOUR FACE ID TRAINING

ARE YOU READY  
TO TESTIFY ABOUT FACIAL  
IDENTIFICATION?



## Topics to be covered

*Facial identification  
standards, guidelines &  
recommendations*

*Courtroom Preparation &  
Testimony*

*Facial recognition systems;  
their algorithms & limitations*

*Sharing criminal  
information*

*Morphological Analysis*

*Anatomy of the face,  
head and neck*

*...and much more*

## Sign up now for a 2-day facial identification course

March 26<sup>th</sup> & 27<sup>th</sup> 7:00am-3:30pm  
Black Gold Golf Club, 1 Black Gold Dr., Yorba Linda, CA

This two-day course will introduce students to more than just the basics of facial identification or how a facial recognition system works. It will cover many aspects including the different approaches used every day by federal, state and local law enforcement agencies around the globe.

This course has been developed specifically for investigators, crime analysts, and fingerprint examiners. You will be comparing images from the get-go and be taught the techniques to pass the proficiency test at the end of the course.

**Tuition starts at \$369 per student – Limited Seating!**

**Visit us at [www.inyourfaceidtraining.com](http://www.inyourfaceidtraining.com)  
or call [REDACTED] for more information**

**From:** [Wilterding, Noel](#)  
**To:** [Harper, Jerry - Sheriff](#); [Sullivan, Frank](#)  
**Subject:** FW: Facial Recognition Webinar Invitation  
**Date:** Tuesday, February 21, 2017 5:05:27 PM

---

Something to check out if you're available...

---

**From:** Paul Sibek [mailto:PSibek@FaceFirst.com]  
**Sent:** Tuesday, February 21, 2017 2:12 PM  
**To:** Wilterding, Noel <nwilterding@sbcscd.org>  
**Subject:** Facial Recognition Webinar Invitation

FaceFirst is the only surveillance based Facial Recognition platform that will deliver real time alerts to your officers, local law enforcement and security personnel to verify identification and detect persons of interest at scale. We have production installations at over 80 law enforcement agencies, International Airports, Prisons and major Transportation Centers.

We are producing a webinar on March 1 hosted by Lloyd Muenzer of the ARJIS Group; ARJIS [businesswire/news/home/20130508005558/en/FaceFirst%E2%84%A2-Secures-Business-ARJIS-Automated-Regional-Justice](http://businesswire/news/home/20130508005558/en/FaceFirst%E2%84%A2-Secures-Business-ARJIS-Automated-Regional-Justice)

Here is a link to the registration page; <https://www.facefirst.com/webinar-facial-recognition-sweeping-law-enforcement/>

Please let us (and Lloyd) show you why facial recognition is becoming an important tool for law enforcement. This is nice non-committed way to see this technology and hear from the director of ARJIS how it is used and relied upon.

Will you join us?

**Paul Sibek**  
Inside Sales Representative  
FaceFirst  
[www.facefirst.com](http://www.facefirst.com)  
31416 Agoura Rd Suite 250  
Westlake Village, CA 91361  
[REDACTED] (O)



**From:** [Considine, Jim](#)  
**To:** [Sullivan, Frank](#); [Kelly, Michelle](#); [Pratt, Cameron](#)  
**Subject:** FW: Facial recognition  
**Date:** Tuesday, June 13, 2017 4:44:38 PM  
**Attachments:** [Best Practices in Facial Recognition General Handout.docx](#)  
[VIG16077\\_LPR\\_FacialRec\\_One-Pager\\_SS.pdf](#)  
[image001.png](#)

---

---

**From:** Kris Robinson [mailto:kris.robinson@vigilantsolutions.com]  
**Sent:** Thursday, May 25, 2017 10:22 AM  
**To:** Considine, Jim <jconsidine@sbcscd.org>  
**Subject:** RE: Facial recognition

Jim,

I wasn't sure if I sent you any literature. Please see attached.

Kris Robinson  
Western Regional Sales Director  
2021 Las Positas Court | Suite 101 | Livermore, CA 94551  
O: [REDACTED] | F: [REDACTED] | M: [REDACTED]  
[Kris.Robinson@vigilantsolutions.com](mailto:Kris.Robinson@vigilantsolutions.com)



*Protecting Officers, Families and Communities*

[www.vigilantsolutions.com](http://www.vigilantsolutions.com)

**This message (including any attachments) contains confidential information intended for a specific individual and purpose, and is protected by law. If you are not the intended recipient, you should delete this message. Any disclosure, copying, or distribution of this message, or the taking of any action based on it, is strictly prohibited.**

---

**From:** Considine, Jim [mailto:jconsidine@sbcscd.org]  
**Sent:** Monday, May 22, 2017 8:45 AM  
**To:** Kris Robinson <[kris.robinson@vigilantsolutions.com](mailto:kris.robinson@vigilantsolutions.com)>  
**Subject:** Facial recognition

Good morning Kris,

Hope all is well. Can you put me in touch with someone on your end to get a demo of your facial recognition software. We currently have facial rec software but since we use Vigilant for ALPR I think

we should look at your software.

Jim Considine, Lieutenant  
San Bernardino County Sheriff's Department  
Criminal Intelligence Division  
655 E. 3<sup>rd</sup> Street  
San Bernardino CA 92415

cell  
office



**From:** [Wilterding, Noel](#)  
**To:** [Harper, Jerry - Sheriff](#); [Sullivan, Frank](#)  
**Subject:** Fw: Proposal for template upgrade  
**Date:** Tuesday, February 27, 2018 6:23:41 AM  
**Attachments:** [Riverside San Bernardino County Facial Recognition Upgrade NEC.pdf](#)

---

Take a look and let me know what you think...


*Sent from my Verizon LG Smartphone*

----- Original message-----

**From:** Todd Pastorini  
**Date:** Mon, Feb 26, 2018 2:13 PM  
**To:** Wilterding, Noel; Rigali, Mark;  
**Cc:**  
**Subject:** Proposal for template upgrade

Gentlemen,

Here is the proposal for the upgrade. Let me know if you need anything else.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks Plus**  


• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

February 26, 2018

Mark Rigali, Lieutenant Cal ID Biometric Identification Network Riverside County Sheriff's Department 1260 Palmyrita Avenue Riverside, CA 92507	Noel Wilterding   Lieutenant CAL-ID   Biometric Identification Network San Bernardino County Sheriff's Department 880 East Mill Street San Bernardino, CA 92415-0054
---	--

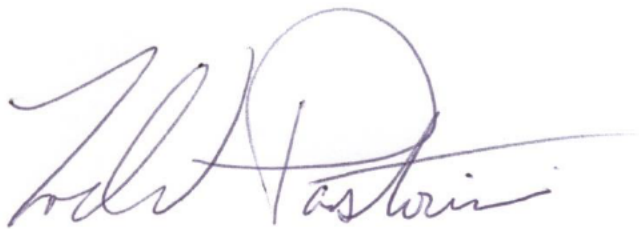
RE: Face Plus Facial Recognition NeoFace Template upgrade

Dear Gentlemen,

I would like to thank you for your support of the DataWorks Plus family of imaging products for law enforcement and correctional agencies. We are pleased to provide your agency with the following quotation for to upgrade the FACE Plus facial recognition system by adding 500,000 front templates for a total of 3.2 Million and a separate option to upgrade them all to version v5.

Please note your current Cognitec system has 2 million front templates. If you have any questions regarding this quote, please do not hesitate to call.

Sincerely,



Todd Pastorini  
Executive Vice President & General Manager



FAX

**FACE Plus™ Processing and Client Software**

<b>Description</b>	<b>Price</b>
<b>Upgrade to a total of 3,200,000 image templates (NEC NEOFace Engine)</b>	<b>\$65,000.00</b>

<b>Description</b>	<b>Price</b>
<b>Upgrade to a total of 3,200,000 image templates of version v5 (NEC NEOFace Engine)</b>	<b>\$195,000.00</b>

Quoted pricing includes the following services:

- ☞ Integration, and Installation.
- ☞ Delivery approximately 30-90 days after receipt of order.
- ☞ Twelve-month warranty, commencing at delivery\*

Additional engineering effort by DataWorks Plus beyond the scope of the standard product will be charged at our standard rate of \$220 per hour, plus any related travel or administrative expenses.

Upon expiration of warranty for the above equipment, Standard Software Maintenance for the first year will be available at 14% of the system list price, and is renewable annually thereafter at then current pricing. Standard maintenance support (8 to 5 Monday through Friday with next day onsite support) includes repair or replacement of failed parts and software maintenance.

DataWorks Plus believes in ensuring that your data is secure. As such, all DataWorks Plus employees must pass an FBI background check as part of our hiring process. DataWorks Plus understands that agencies have their own background processes and will comply with standard vendor background checks for employees either participating in the install or on-going maintenance. Standard vendor background checks include fingerprints, employment history, local, state and/or FBI checks. Extensive background processes beyond what is considered a standard check will be at the sole financial responsibility of the agency and should be coordinated with DataWorks Plus for scheduling and billing.

DataWorks Plus appreciates the opportunity to present this proposal, which will be valid for 90 days, after which availability and prices are subject to change. To confirm your requisition, please submit your purchase order within this time frame. Prices are exclusive of any and all state, or local taxes, or other fees or levies. This quote is subject to the following conditions:

1. 50% payment due with Purchase Order
2. 50% payment due at installation.
3. Payment net thirty (30) days from receipt of invoice.
4. Warranty begins at delivery.

**From:** [Wilterding, Noel](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Fwd: Checking in...  
**Date:** Friday, April 07, 2017 2:58:20 PM  
**Attachments:** [San Bernardino CSD 17-18.pdf](#)

---

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

**From:** Jessica Mensing <JMensing@Dataworksplus.com>  
**Date:** 4/5/17 10:18 AM (GMT-08:00)  
**To:** "Wilterding, Noel" <nwilterding@sbcscd.org>  
**Cc:** Todd Pastorini <TPastorini@DATAWORKSPLUS.com>, "Harper, Jerry - Sheriff" <jharper@sbcscd.org>, mrigali@riversidesheriff.org, "Cantu, Jessyca" <jcantu@SBCSD.ORG>, Mandi Davenport <mdavenport@dataworksplus.com>  
**Subject:** RE: Checking in...

Good afternoon,

I have attached the 2017-2018 maintenance agreement. Please note, the hardware purchased in 2012 is entering into its final year of coverage. We guarantee hardware support for five years, after which we may no longer be able to support the hardware. Please see Section 10 for more information regarding our end of life policy. Todd can provide you with an upgrade quote if you are interested. Please let me know if you have any questions regarding the renewal!

Thank you,  
Jessica Mensing  
Contract Specialist  
DataWorks Plus  


----- Original message -----

**From:** "Wilterding, Noel" <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>  
**Date:** 4/3/17 10:21 AM (GMT-08:00)  
**To:** Todd Pastorini <[TPastorini@DATAWORKSPLUS.com](mailto:TPastorini@DATAWORKSPLUS.com)>  
**Cc:** "Harper, Jerry - Sheriff" <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>, Christopher Roberts <[CRoberts@DATAWORKSPLUS.com](mailto:CRoberts@DATAWORKSPLUS.com)>, "Rigali, Mark" <[mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org)>, "Cantu, Jessyca" <[jcantu@SBCSD.ORG](mailto:jcantu@SBCSD.ORG)>  
**Subject:** RE: Checking in...

Good Morning Todd,

Thanks for the update – all good news.

One thing we're going to need in the next couple of weeks is a quote for our next maintenance agreement. The current term ends on 6/30/17. Once we get a quote, we'll start working on getting a PO.

Thanks!

Noel

Noel Wilterding, Lieutenant  
CAL-ID | Biometric Identification Network  
San Bernardino County Sheriff's Department  
880 East Mill Street  
San Bernardino, CA 92415-0054  
Desk: [REDACTED]  
Fax: [REDACTED]

---

**From:** Todd Pastorini [<mailto:TPastorini@DATAWORKSPLUS.com>]  
**Sent:** Wednesday, March 29, 2017 10:42 AM  
**To:** Wilterding, Noel <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>  
**Cc:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>; Christopher Roberts <[CRoberts@DATAWORKSPLUS.com](mailto:CRoberts@DATAWORKSPLUS.com)>  
**Subject:** Checking in...

Lt. Wilterding,

I wanted to check in with you regarding the DataWorks Plus system. I understand that we have finally resolved some of the connectivity issues between you and Riverside that now allows for you to have access to our Facial Recognition sharing system that gets you access to LA county. Wanted to let you know that we are also in the process of adding San Francisco and Santa Barbara County to that system as well.

Also, we have a new technician in the area. Chris Roberts has taken over for James. Let me know if you need anything and am hoping to come down soon and meet Lt. Rigali in Riverside.

Sincerely,  
Todd Pastorini

Executive Vice President & General Manager

**DataWorks** *Plus*



• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

## MAINTENANCE AND SUPPORT AGREEMENT

**AGENCY:** San Bernardino County Sheriff's Department  
880 East Mill Street  
San Bernardino, CA 92415

**TERM EFFECTIVE:** Start: 7/1/17 End: 6/30/18

**PAYMENT TERMS:** NET 30

**STANDARD SOFTWARE AND HARDWARE SUPPORT: (AMOUNT: \$12,388.70)**

- 8 a.m. – 5 p.m. (M-F, Excluding Holidays) Telephone Support: 2 Hour Response
- Free Remote SOFTWARE Updates for DataWorks Plus Applications During Normal Business Hours – Does not include Operating System
- Remote Dial-in Analysis
- Overnight Shipping for Defective HARDWARE with Remote Installation Assistance

**\*PLEASE NOTE: NEC ENGINE FOR 2,500,000 FACIAL LICENSES IS NOT COVERED UNDER THIS MAINTENANCE AGREEMENT AND WILL BE SUPPORTED ON A TIME AND MATERIALS BASIS.**

Hardware purchased from DWP Job Number 12-01747: **FINAL YEAR OF COVERAGE**

Two (2) PowerEdge R420 Rack Version Servers

- Machine Names: DWCASBD501 (Service Tag: 3LZ17W1) and DWCASBD502 (Service Tag: 4LZ17W1)
- Dual Intel® Xeon® E5-2440 2.40GHz, 15M Cache, 7.2GT/s QPI, Turbo, 6C, 95W,
- 32 GB Memory 1333MHz Single Ranked LV UDIMMs
- PERC H310 RAID Controller
- On-Board Dual Gigabit Network Adapter
- 2x NEMA 5-15P-C14 Wall Plug, 125V, 15A, 10 Ft. Power Cords for Redundant PSUs
- High Output Power Supply, Redundant, 550W
- Microsoft Windows Server 2008 with 5 CAL
- (2) 300GB 10K RPM SAS 6Gbps 2.5in Hot-plug Hard Drive
- Ready Rack Rails
- DVD+/-RW, SATA, Internal for 4HD Chassis

Software purchased from DWP Job Number 12-01747:

WebWorks Plus for 50 Concurrent Users

JIMS Authentication Services

CAL-Photo XML Interface

Software purchased from DWP Job Number 12-01509:

TXI Interface

Software purchased from DWP Job Number 13-00892:

Four (4) Case Management Licenses\*

Hardware purchased from DWP Job Number 16-00676 (Currently under warranty through 7/31/2017, partial charge of \$176.00 included in total at this time. Annual maintenance will be \$192.00):

Five (5) Watson Mini Scanners

- Serial Numbers: NW121-154400392, NW121-154400393, NW121-154400394, NW121-154400395, NW121-154400396

*\*Does not include support for Pose Correction*

## **1. REPORTING A PROBLEM TO DATAWORKS PLUS:**

- 1.1 The **Agency** can contact Technical Support using either of the following options:
  - Toll-free telephone support (**866-632-2780, dial "3" for Customer Support**)
  - Email: **[support@dataworksplus.com](mailto:support@dataworksplus.com)**
- 1.2 The **Agency** should use our toll-free number to report problems that require immediate attention. To expedite the problem, the **Agency** needs to have readily available, the machine name or IP address of HARDWARE or SOFTWARE with the problem, the type of SOFTWARE with the issue and a sample record number.

## **2. DATAWORKS PLUS RESOLUTION PROCESS: (SEE ADDENDUM/EXCLUSIONS)**

- 2.1 DATAWORKS PLUS Technical Support Team will open a ticket in our tracking system as acknowledgment of an issue reported to us. The **Agency** can request the ticket number for their tracking purposes.
- 2.2 DATAWORKS PLUS Technical Support will connect to the system remotely to determine the problem and resolution.
  - DATAWORKS PLUS will contact the **Agency** upon closure of the ticket.
  - DATAWORKS PLUS will, at no additional expense to the **Agency**, correct any failures of the covered SOFTWARE to meet its specifications.
- 2.3 If the remote site support does not satisfactorily resolve the problem, DATAWORKS PLUS may choose to send a qualified technician to your site to correct the problem. The decision to send a technician onsite will be at the sole discretion of DATAWORKS PLUS and will be done at no additional expense to the **Agency**.

## **3. DATAWORKS PLUS RESPONSIBILITIES TO SOFTWARE:**

- 3.1 DATAWORKS PLUS will, at no additional expense to the **Agency**, provide all enhancements, additions and updates to the SOFTWARE. The **Agency** can contact our Technical Support team to schedule SOFTWARE updates for any SOFTWARE purchased from DATAWORKS PLUS. All SOFTWARE updates should be scheduled during normal business hours. Fees for non-business hours updates can be provided as needed.
  - ✓ DATAWORKS PLUS warrants that its products are free from viruses. Any virus introduced to the **Agency's** system by DATAWORKS PLUS will be remedied at the sole expense of DATAWORKS PLUS.

#### **4. AGENCY'S RESPONSIBILITIES:**

- 4.1 Maintenance does not cover virus protection or system failure due to virus infection. The on-site system administrator is responsible for Operating System and SQL patches/updates as well as Anti-virus SOFTWARE updates. The **Agency** will be responsible for any damage or failure caused by a computer virus. In the event that a system becomes infected and the **Agency** requires assistance, DATAWORKS PLUS will assist the **Agency** on a time and materials basis. Systems that have been infected can contact DATAWORKS PLUS to assist with rebuilds after they have completed a complete virus scan and malware scan of the system.
- 4.2 However, the **Agency** can, at no additional expense, contact our technical support team for assistance in setting the proper exclusions for anti-virus solutions provided by the **Agency**.
- 4.3 The **Agency** is responsible for providing a backup solution and ensuring that backups are being conducted. The **Agency** can, at no additional expense, contact DATAWORKS PLUS support to configure SQL backups to disk or USB drive. DATAWORKS PLUS encourages customers to provide a 3rd party backup solution.
- 4.4 Agencies that need to replace agency-provided hardware can contact DATAWORKS PLUS for a services quote to migrate databases and/or applications. The agency, in this event, will be responsible for the following: Replace the hardware, install the OS and patches, install SQL, and provide a means of access (VPN or dial-in) to the new hardware. DATAWORKS PLUS will be responsible for re-loading the DATAWORKS PLUS software and working with the customer to recover the database.

#### **5. DATAWORKS PLUS HARDWARE RESPONSIBILITIES: (The section below relates to HARDWARE listed on this contract that is covered by DATAWORKS PLUS)**

- 5.1 DATAWORKS PLUS will, at no additional expense to the **Agency**, repair or replace any piece of covered HARDWARE that malfunctions due to normal wear and tear based on manufacturer specifications at the time of purchase. This does not cover HARDWARE malfunctions due to acts of God, abusive damage or accidents, or HARDWARE/HARDWARE components replaced at the discretion of the **Agency**.
- 5.2 This contract does not include consumable items such as (but not limited to) batteries, printer paper, printer ribbons, toner, photographic paper, print heads, magnetic tapes, or transfer ribbons for printers. This applies only to customers who have purchased printers from DATAWORKS PLUS and those printers are under a current support agreement.
- 5.3 DATAWORKS PLUS reserves the right to replace any piece of covered HARDWARE with the same or comparable model if the existing model is no longer available. The decision to replace HARDWARE is at the sole discretion of DATAWORKS PLUS.
- 5.4 DATAWORKS PLUS reserves the right to discontinue coverage for printers that become "general use" printers, instead of printers used exclusively for DATAWORKS PLUS applications.
- 5.5 DATAWORKS PLUS will, at no additional expense to the **Agency**, provide next-day delivery (except Sundays and Holidays, in which case, delivery will be scheduled for the next business day) of a replacement unit for any piece of covered HARDWARE that malfunctions due to normal wear and tear. DATAWORKS PLUS will provide next-day delivery by UPS Red Label, FedEx Priority Overnight, or a similar service. Replacement units will be loaned to the **Agency** until DATAWORKS PLUS has repaired the failed unit or until DATAWORKS PLUS makes the decision to provide a permanent replacement.

5.6 DATAWORKS will provide telephone assistance for connectivity for defective HARDWARE listed below: Camera equipment, panner sets, keyboards, external disk drives, monitors, mice.

5.7 DATAWORKS PLUS will, at no additional expense to the **Agency**, provide all computer-related and firmware updates as deemed necessary, for all computer equipment purchased from DATAWORKS PLUS and all DATAWORKS PLUS SOFTWARE applications. Additional charges may apply for firmware upgrade for mobile devices.

## **6. CONNECTIVITY:**

6.1 DATAWORKS PLUS can provide remote connectivity SOFTWARE (such as VNC or Remote Desktop) necessary to provide remote site support. The **Agency** is responsible for providing a VPN or direct-inward-dial telephone line. DATAWORKS PLUS is not responsible for any annual or monthly SOFTWARE fees for connectivity purposes.

## **7. ADDITIONAL TRAINING:**

7.1 Upon request, DATAWORKS PLUS will provide a 30% discount on refresher training to the **Agency**. Quotes for training can be obtained by contacting Deanna Allen, Director of Technical Support, at 866 632 2780 x 6731.

## **8. ASSISTANCE BEYOND THE SCOPE OF THIS CONTRACT:**

8.1 Additional engineering, development, or support efforts by DATAWORKS PLUS, beyond the scope of this agreement, may be billable. This includes, but is not limited to, the following items:

- Migration of applications and/or databases to new hardware
- Migration of DataWorks Plus applications to agency-provided hardware
- Physical relocation of hardware
- Interface modifications needed due to changes made outside of DataWorks Plus applications.

The agency can contact DataWorks Plus for billable rates.

## **9. CONTRACT CANCELLATION:**

9.1 The **Agency** through written notification to DATAWORKS PLUS may cancel this maintenance/support agreement. Any unused portion of the maintenance/support costs listed on this contract will be refunded to the **Agency** at a pro-rated amount.

## **10. END OF LIFE POLICY:**

DATAWORKS PLUS guarantees hardware support for five years and will give the **Agency** a one year written notification regarding hardware that is approaching end of life. End of Life refers to hardware that we can no longer maintain due to lack of parts and/or service from the manufacturer or hardware that will no longer function with newer Operating Systems. Customers with end of life notifications should contact their Account Manager for options.

DataWorks Plus, LLC  
728 N. Pleasantburg Drive  
Greenville, SC 29607



866-632-2780 (Toll-Free)  
864.672.2780 (P)  
864.672.2787 (F)

*\*\*See Addendums A and B for information on moving SOFTWARE licenses to new HARDWARE and Decline of Maintenance.*

If the Agency requires the CJIS security addendum documentation for our support staff, please contact Support and this will be sent at the earliest.

DATAWORKS PLUS

Agency: \_\_\_\_\_

Federal ID: 57-1104887

Name: \_\_\_\_\_

Name: Jessica Mensing

A handwritten signature in black ink that reads "Jessica Mensing".

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: April 4, 2017

Date: \_\_\_\_\_

Invoice: TBD

PO#: \_\_\_\_\_

DATAWORKS PLUS 2017 INTERCONNECT CONFERENCE REGISTRATION FORM

- ☐ Please check the box if you would like to be billed for attending our 2017 InterConnect advanced training conference. This will be added to your maintenance invoice.

Price is \$2,500.00 per individual and includes airfare and hotel accommodations. Money can be refunded as long as no tickets or confirmed reservations have been made.

_____	x	\$2,500.00	=	_____
# Attendees	x	\$2,500.00	=	Total

The total will be added to your maintenance invoice or you can request a separate invoice. Check our website regularly for more details.

[www.DataWorksPlus.com](http://www.DataWorksPlus.com)

## **ADDENDUM A**

Occasionally, customers have a need to move our SOFTWARE licenses to new HARDWARE, either due to HARDWARE failure or simply as a HARDWARE upgrade. DATAWORKS PLUS considers application upgrades as a part of our standard maintenance plan. However, system moves are not covered under the plan. Customer should contact DATAWORKS PLUS for pricing for system moves. Customers who need to move SOFTWARE/databases to new HARDWARE will need to do the following:

- 1.** Contact DATAWORKS PLUS at **866.632.2780 x6731** for pricing and scheduling;
  - 2.** Provide DATAWORKS PLUS with an equivalent HARDWARE solution as the original HARDWARE, with any SOFTWARE installed that was originally installed by the Agency;
  - 3.** Provide VPN access to the new system and the old system simultaneously until the move is complete;
  - 4.** Provide access to system backups and logs.
  - 5.** DATAWORKS PLUS understands that some Agencies prefer to handle application license moves to customer owned HARDWARE without DATAWORKS PLUS assistance. In this instance, it is the Agencies responsibility to notify DATAWORKS PLUS so that maintenance coverage will continue for the license(s). The following information should be given to DATAWORKS PLUS to update license information on the maintenance record:
    - Previous machine name and IP
    - New machine name and IP
- DATAWORKS PLUS is not responsible for providing on-site assistance in the event of customer provided hardware failure.
- DATAWORKS PLUS is not responsible for engineering/development work to reconstruct corrupt databases due to customer-provided hardware failure, or failure due to viruses/malware.
- Customers who wish to schedule license moves and/or hardware upgrades may contact DATAWORKS PLUS for fees and scheduling.
- Customers may contact us for pricing for a maintenance uplift plan that includes software license moves.
- Our standard rates of \$180 per hour, 2 hour minimum, will apply for any installation or deployment related support issues after the initial training and installation for Kiosk.

### **ADDENDUM B – DECLINE OF MAINTENANCE**

DATAWORKS PLUS regrets that your Agency will no longer continue with a standard maintenance contract and hope to work with you as a regular maintenance customer in the future.

Should you need assistance going forward, please note the Time and Materials process below:

- If technical assistance is needed, please contact DATAWORKS PLUS at 866.632.2780 x 3.
- DATAWORKS PLUS will open a ticket for your Agency and work to get you a quote for services.
- Your agency will be provided the information necessary so your agency can issue a purchase order for services. Typically, this purchase order will be for the two-hour minimum.
- Upon receipt of the purchase order, our technicians will connect to your site to determine the cause of the problem and an estimate of time for resolution.
- If the problem can be resolved during the two-hour minimum time-frame listed in the purchase order, we will proceed with the repair. DATAWORKS PLUS support technicians will contact your Agency before going above the time limit issued by your Agency.
- If the problem requires HARDWARE to resolve, DATAWORKS PLUS will issue your Agency a quote for the HARDWARE separately, provided the HARDWARE is not listed as obsolete by DATAWORKS PLUS. T&M agencies are responsible for shipping costs for the replacement HARDWARE.
- Upon closure of the ticket, DATAWORKS PLUS will issue an invoice with the purchase order given at the time of the initial call. Please note that agencies with current maintenance contracts will get priority in our support tracking system. However, we are happy to give agencies a time-frame for resolution.
- DATAWORKS PLUS does not provide on-site support for non-maintenance customers.
- DATAWORKS PLUS does not provide SOFTWARE upgrades for non-maintenance customers.

It is our desire to assist agencies in a timely fashion and to the satisfaction of those agencies. Please sign and return this letter along with your PO as acknowledgement to this agreement.

Agency Name: \_\_\_\_\_

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

PO#: \_\_\_\_\_

**From:** [NEC](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Have you heard the latest on the 2018 AFIS Internet Users Conference?  
**Date:** Thursday, June 07, 2018 7:30:19 AM



Organized by the AFIS Internet User's Group and NEC, the 32nd Annual AFIS Internet Users Conference will deliver high-quality, content packed educational information offering the latest technological updates in biometrics, training sessions and networking among global colleagues.

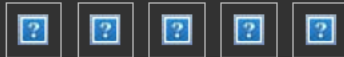
This year's AFIS Internet Users Conference offers in-depth sessions to address the needs of its diverse membership and attendees, including:

- **A Can't Miss Keynote Speaker** – Tom Ridge, First Secretary of U.S. Department of Homeland Security, Former Governor of Pennsylvania, and Chairman, Ridge Global will be our featured keynote speaker
- **Virginia Tech Active Shooter – Lessons Learned**
- **Toronto Police Service Success Story** - Overview of the Facial Recognition System Pilot turning poor quality facial images found in crime scene photographs and surveillance videos into leads, system implementation, training, communications, processes and procedures that were implemented, and successes to date highlighting some major and unique cases
- **Supporting Justice Information Sharing with SEARCH** - Learn how SEARCH is leading efforts in the U.S. to facilitate information sharing and communication solutions that help State, local and tribal agencies better predict, prevent, respond to and recover from criminal activity, natural disasters, terrorist and all hazard type events
- **NEC Updates** – Learn about NEC's growth with updates on their latest roadmap and technology advances
- **Multiple Training Sessions with Administrator, Tenprint and Latent Tracks**, including;
  - Introduction to FBI's Face Comparison and Identification Training
  - Courtroom Communications
  - Grant Writing Pros and Cons
  - Effects of Human Factors on the Accuracy of Fingerprint Analysis
  - Tenprint Witness Stand
  - Applicant Fingerprints and Local Rap Back
  - NCIS Sharing Data with LEO's
  - Mobile ID in Jail Setting
  - Fingerprint Classes from DOJ

- **Integrated Biometrics & Forensics Workstation Hands On Lab** - Fast to Learn, Effective to Use and Fun to Experience
- **Technology Showcase** – Experience NEC's Advanced Recognition Systems' latest biometric and video analytic technologies that help federal, state and local agencies with new ways to solve crimes, predict threats, capture field data, secure public spaces and more
- **And, much more...**

The AFIS Internet Users Conference continues to provide one of the best educational experiences of the year for friction ridge examiners, IT staff, and administrators in agencies where biometrics are managed.

Don't miss this educational and peer networking opportunity! **Registration for the conference is open!**



Published by NEC Corporation of America. - 3929 W John Carpenter Freeway, Irving, TX 75063

© 2018 NEC Corporation of America. All rights reserved.

[www.necam.com](http://www.necam.com)

[Unsubscribe](#)



**From:** [DataWorks Plus](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Important 2017 IC2 Reminders!  
**Date:** Tuesday, October 03, 2017 8:46:26 AM

---

## IMPORTANT IC2 NEWS & ANNOUNCEMENTS





Dear Frank,

2017 IC2 is next week! We have a few announcements and reminders for you. [Click to see the conference agenda.](#)

[How to get from Airport to Embassy Suites](#)

[Registration](#)

[Download 2017 IC2 Guidebook](#)

[Don't Forget to Bring Items for the Trading Post](#)

[Activities and Transportation Options](#)

[Open Committee Positions](#)



**Transportation from Airport to Hotel**

The hotel is approximately 8 miles from the airport. The IC2 hotel does not have a direct shuttle from the airport, and self-parking is a \$20 fee per day. We recommend you use Uber or a Jarmon Transportation Shuttle. Shuttle fee is approximately \$37; Uber is \$17-\$20. Jarmon can be contacted by phone at (615) 275-0146 or you can reserve a ride [here](#).



## Registration - Monday Evening or Tuesday AM

We'd like to invite you to join us for early registration, which will start at 5:30 PM on Monday. We'll be located near the atrium where you can pick up your

registration materials, then enjoy a hosted reception until 7:30. The hospitality room, located in the Broadway Suite/Room 230 will be open afterwards. If you can't make early registration, you can still register and pick up your materials on Tuesday morning from 8:00 to 8:30 AM.



## Download Guidebook

Download the 2017 IC2 Guidebook to get the agenda and latest IC2 news on your smartphone. Use the Guidebook app to scan the QR code. The passphrase is **2017ic2**. To download the 2017 Guidebook, scan below using the Guidebook app:



If you don't have the app, go to [www.guidebook.com/getit](http://www.guidebook.com/getit).



## Trading Post - Take One, Leave One

Bring your agency's items or memorabilia to trade at the Trading Post table located in the DWP Demo Room.



## Activities and Transportation Options

This year we will be using a combination of a DataWorks Plus van, Embassy Suites shuttle, and Uber Events for transportation to and from conference events and activities. The DataWorks Plus van will be making trips to and from each activity. The Embassy Suites hotel shuttle has prescheduled trips to and from Centennial Park on Tuesday, to Wildhorse Saloon on Tuesday, and to Aerial on Thursday. The Embassy Suites shuttle will also be available for transporting after Wildhorse Saloon and Aerial. Call (615) 277-4974 when ready for pickup.

### Using Uber Events

In addition to the van and shuttle, each event has a code that you can apply to your Uber account. The code is like a "gift card" that will cover the cost of the transportation to and/or from the particular event. Since each event code can be used only for going to and from the particular location during the specified timeframe, you may apply the codes to your Uber account at any time without affecting other rides you may take in the meantime.

First, you need an Uber account. Then, there are 2 ways you can apply the code(s) to your Uber account:

- Click the appropriate link below, or
- Enter the code through the Uber payment screen: From your Uber account, Select **Payment**, then select **Add Promo/Gift Code** and enter the appropriate code.

The Uber links and codes have been provided below with each event.

### Tuesday - 2017 IC2 Olympic Games at Centennial Park

Compete with your teammates at the 2017 IC2 Olympics at Centennial Park. Make plans to sit with your team at lunch, then get ready to head to the park and compete for Gold at the games. Your team name will be on the outside of your registration bag, as well as on the team lunch tables. Transportation to and from the park will be provided via DWP van, hotel shuttle and/or Uber Events. To use Uber: Click [Apply Tuesday Park Uber Code](#), or you can enter **eh99nu5** under Payment>Add Promo/Gift Card.

### **Tuesday - Dinner at Wildhorse Saloon**

Join us at the Wildhorse Saloon for an evening filled with dinner, music and dancing. Transportation to and from Wildhorse Saloon will be provided via DWP van, hotel shuttle and/or Uber Events. To use Uber: Click [Apply Tuesday Wildhorse Uber Code](#), or you may enter **eo75os** under Payment>Add Promo/Gift Card.

### **Wednesday - Dinner at Five Odd Fellows Hotel Restaurant**

Visit the DWP Demo Room, then draw a card from the LiveScan Plus cabinet to find out where you will be sitting.

### **Thursday - Closing Dinner at Aerial**

Our eventful week will be capped off at a rooftop banquet overlooking the lights of downtown Nashville. To use Uber: Click [Apply Thursday Aerial Uber Code](#), or you can enter **ee9a99a** under Payment>Add Promo/Gift Card.



## Open Committee Positions

Several committee positions are opening and we'd like you to consider nominating yourself (or someone else) if you think it will be a good fit. Nomination forms will be located in the Demo Room. Voting will take place in the User's Group meeting on Thursday.



### West Coast Vice President

**Term:** 2 years, 3rd year as President

### Product Chairs

***Term:***1 year, no term limit

There are 4 product chair positions.

- **Product Chair 1:** LiveScan Plus, Digital PhotoManager, Inmate Tracking
- **Product Chair 2:** NIST Manager Plus, Biometrics, Facial Recognition
- **Product Chair 3:** Digital CrimeScene
- **Product Chair 4:** Mobile Identification

Please click below to email your nomination:

[ic@dataworksplus.com](mailto:ic@dataworksplus.com)

In your email, please include:

- Your name, title and agency
- The office you are applying for
- Brief description of qualifications



*See you in Nashville!*

DataWorks Plus, 728 North Pleasantburg Drive, Greenville, SC 29607

[SafeUnsubscribe™ fsullivan@sbcscd.org](#)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [ic@dataworksplus.com](mailto:ic@dataworksplus.com) in collaboration with

Constant Contact

Try it free today

**From:** [NEC Corporation of America](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** ARS Newsletter - November 2018  
**Date:** Wednesday, November 07, 2018 10:10:40 AM

Trouble viewing his email? [Read it online](#)



## Message from NEC Advanced Recognition Systems

### Raffie Beroukhim, Senior Vice President, ARS

Our 32nd Annual AFIS Internet Users Conference, held in Reston, VA, was a highly successful event. It brought together professionals from around the globe, and with its proximity to our nation's capital, we were pleased to host a number of our Federal clients as well. Together, we explored opportunities and issues affecting the public safety and law enforcement community in the near and long term future. In this time of digital transformation, attendees learned more about new techniques in forensics, experienced the latest in identification technology solutions, and how biometrics and Artificial Intelligence (AI) can help provide a more secure, convenient and frictionless experience for all of us.

In parallel, NEC showcased its latest identification technologies that are helping federal, state and local agencies with new ways to solve crimes, predict threats, capture data, and improve public safety and security. Some of the highlights include:

- Interactive expertly guided tenprint workshops with hands-on experience with NEC's **Integra-ID® iBW**, the latest in fingerprint technology processing
- **eGate** solution for airports and **NeoFace® Express** showed how frictionless identification can simplify and enhance a passengers experience while increasing security
- **NEC EVA™** (Enhanced Video Analytics) represents the latest biometric and video analytics technology allowing for instant detection, identification and tracking of suspicious individuals in a crowd
- **NeoFace® Reveal** and **SmartScan™** exhibits gave an up-close and personal encounter for many AFIS Internet members as they transition to facial recognition disciplines in addition to fingerprint and tenprint identification work
- **NEC's emerging tattoo matching technology** uses features such as color, shape and texture to assist in either the investigation of cases or possibly the identification of individuals by matching a tattoo probe search against large database gallery of processed tattoo images

One of the highlights of the conference was the opportunity to network and socialize with other like-minded professionals who are facing the same issues and daily challenges.

I would like to express my sincere thanks and appreciation to the AFIS Internet Board and our host agencies, the Virginia State Police and the Virginia Department of Forensic Science, for their dedication and tireless efforts in organizing this conference.

This year's AFIS Executive Board, host agencies and volunteers did a fantastic job of providing relevant topics, with outstanding speakers who engaged, educated and inspired us.


We now look forward to 2019 and hope you will plan to join us next August 25-28 in Scottsdale, AZ. Meanwhile, you can check out my [AFIS blog](#) or relive the excitement by viewing our [photo gallery](#) or our AFIS 2018 [recap video](#) below.

Raffie

## NEC Accomplishments

### Delta Launches First Biometric Terminal in the U.S. – Powered by NEC

Delta Air Lines, in partnership with U.S. Customs and Border Protection (CBP), Hartsfield-Jackson Atlanta International Airport (ATL) and the Transportation Security Administration (TSA), is launching [the first biometric terminal in the United States](#) at Maynard H. Jackson International Terminal (Terminal F) in Atlanta.


Beginning late this year, customers flying direct to an international destination have the option of  using facial recognition technology from curb to gate, transforming the customer journey with a seamless travel experience through the airport. This optional, end-to-end Delta Biometrics experience includes using facial recognition technology to:

- Check-in at the self-service kiosks in the lobby
- Drop checked baggage at the counters in the lobby
- Serve as identification at the TSA checkpoint
- Board a flight at any gate in Terminal F
- Go through CBP processing for international travelers arriving into the U.S.

The launch of the biometric terminal uses CBP's traveler verification service, NEC's NeoFace® Express hardware and software.

### NEC Provides Facial Recognition Technology for the National Soccer Hall of Fame

The National Soccer Hall of Fame opened one of the first facial recognition-enabled guest experiences for visitors on October 24, 2018. Powered by NEC's NeoFace® facial recognition software, [National Soccer Hall of Fame guests will experience a custom-tailored tour unlike anything they've experienced in a sports setting.](#)

With this partnership, NEC and the National Soccer Hall of Fame are the first to use facial  recognition technology to individualize a guest's experience in a sports and entertainment venue. Guests will benefit from facial recognition the moment they enter the National Soccer Hall of Fame where they will be prompted upon check-in to share their hometown, favorite soccer position, favorite U.S. teams and their level of fandom. Based on that information, digital touch screens, virtual reality and gesture technology inside of the Hall of Fame will recognize guests using the NeoFace facial recognition software which will personalize each visit based on their individual preference.

---

## Product Information & Highlights

### NEC Extends Mobile Fingerprint Identification with IDCheck Plus™

The ability to positively identify individuals and uphold public safety should not be restricted by location. Law enforcement officers need to have access to critical identification information wherever duty takes them. NEC's IDCheck Plus application, the proven in-field fingerprint identification solution, solves this challenge for law enforcement agencies. IDCheck Plus is a software application designed to be integrated with mobile capture devices to provide an efficient and practical identification tool for officers in the field.

Developed in cooperation with NEC's law enforcement customers, IDCheck Plus demonstrates our ongoing commitment to deliver innovative and highly reliable solutions built on technical excellence that work to meet the evolving needs of law enforcement agencies and officials nationwide. IDCheck Plus also works with NEC's NeoScan® 45. It connects by using either Bluetooth or Wi-Fi to support all fingerprint capture types including flat, slap and rolled fingerprints for identification and field booking operations.

## How Criminal Investigations Can Be Expedited Using NEC's NeoFace® WideNet

Across the nation, Law Enforcement Organizations are inundated every day with photographic and video evidence in their Criminal Investigation Divisions. NEC's [NeoFace® WideNet](#) helps law enforcement personnel and agencies expedite criminal investigations and solve crimes faster. Accessible from any web browser, NeoFace WideNet enhances poor quality face images and video evidence and conducts searches against mugshot and video repositories from multiple agencies and provides easy to assess candidate matches.

For the first time, [multiple agencies will be able to share their mugshots](#). A key benefit to criminal case investigations is the advantage of being able to quickly process facial evidence. Coupled with its ability to rapidly generate a list of persons of interest, it saves valuable time in the investigation of cases containing facial video evidence, thus reducing the investigator's caseload.

---

## Giving Back To the Community

### NEC Raises Funds for the American Heart Association

Every year, NEC works with the American Heart Association to help raise awareness about heart disease and stroke. NEC employees do fundraising activities to help the American Heart Association continue their work to eliminate these diseases.

Recently, NEC employees in Irving, TX and Sacramento, CA participated in the Heart Walk, which raised \$40,702 in funds. We anticipate additional donations over the coming weeks, including proceeds from sales of our cookbook, Recipes from the Heart, which is filled with our employee's favorite recipes. This is a testament to the generosity of NEC employees.

---

## Stay Informed

There are several ARS resources to keep you informed:

- [NECAM.com/ARS](#) is your one-stop shop for all things ARS – from our latest use cases to our complete portfolio of identity matching solutions.
- [ARS Resource Page](#) houses the most current assets from ARS – videos, blogs, and more.
- Subscribe to the [NEC Today](#) blog which addresses a variety of issues relevant to the market by NEC thought leaders.



Published by NEC Corporation of America. - 3929 W John Carpenter Freeway Irving, Texas 75063

© 2018 NEC Corporation of America. All rights reserved.

[www.necam.com](http://www.necam.com)

You are subscribed to this email as [fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org).

Click here to modify your [preferences](#) or [unsubscribe](#).

**From:** [DataWorks Plus](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** In the Works Newsletter  
**Date:** Wednesday, January 24, 2018 7:03:05 AM

---



DataWorks Plus - In the Works Newsletter

WINTER 2018



## Contents

[2017 IC2 in Review](#)

[Adobe Premiere Pro &  
Digital CrimeScene](#)

[PA Statewide Mobile ID](#)

[Employee Spotlight](#)



### IC<sup>2</sup> Conference

The 2018 InterConnect Conference will be held October 15-18 in Boise, ID.

[Click to Learn More or Register!](#)

### Quick Links

**Evolution**

Multimodal ID

**Digital CrimeScene**

Case Management

**LiveScan Plus**

Integrated Booking

**FACE Watch Plus**

Real Time Screening

## Learning New Standards in Music City USA

The 2017 InterConnect Conference in Nashville, TN, was fun and informative. Despite the threat of Hurricane Nate during the early days of the conference, attendees enjoyed presentations of real-life examples with and applications of law enforcement technology given by specialists from all over the country, including Michigan State Police, Tennessee Bureau of Investigation, Los Angeles County Sheriff's Department, and San Francisco County Sheriff's Department. Attendees networked with other attendees from agencies across the country and met one-on-one with DataWorks Plus developers, product manager, sales representatives, and technicians.

In-depth training during the day was followed by music city magic through evening outings to the legendary Wildhorse Saloon and a rooftop Aerial venue in the heart of downtown Nashville. Attendees also competed in the InterConnect Olympics, using DataWorks Plus mobile technology to complete various events including a spirited round of pool noodle javelin.



For the closing of the conference at Aerial, InterConnect Committee President Pete Langenfeld of the Michigan State Police was presented with a custom-designed 1970 454 SS Chevelle in honor of his brother-in-law, Trooper James Robert DeLoach, who was killed in the line of duty February 1<sup>st</sup>, 1992.

With so many advances and collaboration, DataWorks Plus can hardly wait until the 2018 InterConnect Conference in Boise, ID, on the banks of the picturesque Boise River. We hope to see you there! Registration is open; simply click the "Join us" banner below to reserve your spot!

**Digital  
PhotoManager**  
Investigative Mugshots

**RAPID-ID**  
Mobile Fingerprint ID

**FACE Plus**  
Facial Recognition

**Inmate Tracking**  
Location & Headcount  
Management

## Breaking Out in Video Evidence Management

DataWorks Plus has integrated our Digital CrimeScene solution with the industry-leading Adobe Premiere Pro video editing application, providing investigators with full access to advanced video toolsets for any digital video evidence stored within our Digital CrimeScene system. The integration with Adobe Premiere Pro allows users to perform advanced editing work on video files. Once all editing and annotation is complete, the user can have the modified video production re-imported into Digital CrimeScene to be saved to the current case. The user export and import activity is logged and timestamped by Digital CrimeScene to ensure that a proper audit trail of the evidence is maintained.



The primary benefits of this newly-developed Adobe Premiere Pro integration include:

- **Redactions** - Adobe Premiere Pro allows users to create redaction filter and blurring effects on any portion of evidence videos. These effects are dynamic and can be set to follow moving images on a frame-by-frame basis.
- **Annotations** - Premiere Pro has a wide array of annotation tools to mark any portions of videos with text, shapes, and overlay graphics. These annotations can be used to aid in the effectiveness of evidence presentations within court.
- **Split-screen Video Editing** - Adobe Premiere Pro has a multi-pane interface, which lets multiple video playback frames be created within the workspace. Users can "mark out" sections of a video, making it easier to narrow down portions containing critical evidence.
- **Time-synched, Multi-angle viewing** - Adobe Premiere Pro's multi-pane

interface also allows videos from multiple sources to be played side-by-side and time-synched for simultaneous playback. This permits users to view an event from multiple angles, such as from cellphone capture, body-worn camera capture, and surveillance video.

Please do not hesitate to contact your DataWorks Plus representative if you would like to learn how this new functionality can benefit your agency or to request a product demonstration.

---

## A True Statewide Mobile ID Program



In 2017, the Pennsylvania Chiefs of Police Association began the process of providing mobile identification statewide at the local level with an initial order of 234 DataWorks Plus Evolutions. Evolutions were provided to agencies as part of a grant. Each Evolution is exactly the same, which makes communication between agencies smooth and simple; law enforcement personnel can move more easily between agencies without learning a new set of systems. Training tailored to the needs of each department is scheduled as each agency is approved by the state for installation, and every agency and user must be verified before receiving a device and training. To date, over 2,300 users have been trained and authorized to log into Evolutions and submit records.

Prior to this statewide implementation, local agencies often did not have the resources to handle suspect identification either through a booking center maintained by the agency or within a reasonable distance or with portable ID devices. Pairing mobile ID technology with these agencies offers flexibility and keeps overhead costs low. The State of Pennsylvania also utilizes Mobile Device Management software to ensure consistency and ease of use to alleviate the anxiety that often accompanies the introduction of new technology. As one new user exclaimed in a DataWorks Plus training class, "You guys made it cop-proof!"

The DataWorks Plus Evolution is already making waves in the mobile ID field. In July 2017, a Bucks County, PA, man confessed to killing four men and burying their bodies on his property. After he led authorities to the remains, an officer was able to capture two fingerprints from one of the bodies and run them on their recently installed Evolution at the burial location. Within three minutes, a positive response was returned and law enforcement was able to recover the identity of the first victim. ([Link](#)) Implementing a new system can be overwhelming, but the introduction of DataWorks Plus' Evolution has revolutionized mobile identification in Pennsylvania combining several functionalities in a compact, portable, affordable device.

---

## Employee Spotlight

### Nelson Rosenberger - Support Technician

Nelson Rosenberger is no stranger in the DataWorks Plus Support Department; prior to starting fulltime in June 2017, Nelson worked as a part-time Support Technician from December 2015 to May 2017 while he completed his bachelor's degree in Applied Computer Science at Southern Wesleyan University in May 2017. He heard about the position at DataWorks Plus from Will Chandler, another Southern Wesleyan alum and member of our Support Team. He has found working at DataWorks Plus agreeable because of "the amazing and friendly group of people" here. Nelson decided to relocate from the home of the 2016 national college football champions (Go Clemson!) to a more convenient apartment complex directly behind the DataWorks Plus headquarters. He enjoys games of both online and board variety, a hobby he shares with many others in the Support Department; some of his other hobbies include hiking and cooking, though we have yet to see proof of the latter. In another life, Nelson was a blacksmith and made swords and knives for himself and his friends. Upon entering college, however, he found the hobby difficult to maintain with issues like lack of storage space, noise ordinances, and fire safety. DataWorks Plus is lucky to have such a skilled craftsman and we hope to see more of his hobbies in the coming years, especially blacksmithing and cooking.



### Patrick Rohm - Support Technician

DataWorks Plus is excited to welcome Patrick Rohm as a Support Technician at our company headquarters in Greenville, SC. He joined the team in October 2017 after a referral from another member of our Support Team. Patrick and his family are based in Piedmont, SC, now, although Patrick was born and raised in Germany. He enjoys hanging out with his kids, playing video games, and tinkering on computers, like many of the other support technicians. After completing trade school in Germany, Patrick earned certifications in A+, Net+, Security+, MCSA for Server 2008R2, and MCITP; he also attends Greenville Technical College in pursuit of his associate and/or bachelor's degree. Patrick is already impressed with the DataWorks Plus atmosphere, "The people here are amazing; it's like another family. Everyone is always open to help." Alas, our new team member suffers from two very powerful weaknesses: pizza and barbecue. We hope he can survive the pizza parties and cookouts held by the DataWorks Plus crew and we are happy to have him on the team.





DataWorks Plus, 728 North Pleasantburg Drive, Greenville, SC 29607

[SafeUnsubscribe™ fsullivan@sbcscd.org](#)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [dwpnews@dataworksplus.com](mailto:dwpnews@dataworksplus.com) in collaboration with

**Constant Contact**



[Try it free today](#)

**From:** [DataWorks Plus](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** In the Works Newsletter  
**Date:** Wednesday, May 03, 2017 10:03:23 AM

---



DataWorks Plus - In the Works Newsletter

SPRING 2017



## Contents

[2017 InterConnect Conference](#)

[VideoManager Plus Pilot](#)

[Facial Recognition in Real Time](#)

[Employee Spotlight](#)



### IC<sup>2</sup> Conference

The 2017 InterConnect Conference will be held October 9-12 in Nashville, TN.

[Click to Learn More or Register!](#)

### Quick Links

[Evolution](#)

Multimodal ID

### Digital CrimeScene

Case Management

### LiveScan Plus

Integrated Booking

## The 8th Annual InterConnect Conference in Nashville

Please join us at the 8th annual DataWorks Plus InterConnect Conference, which will be held in Nashville, TN. You will receive training on the latest law enforcement technologies, including multiple advanced training sessions and product workshops. In addition, you will have opportunities to build relationships with agencies across the country, share best practices and lessons learned, as well as meet one-on-one with DataWorks Plus developers, product managers, sales representatives, and technicians.



Network with members of agencies of all sizes and states in a Criminal Technology-themed afternoon in Centennial Park and at the Wildhorse Saloon. Enjoy presentations by Amanda Noxon of the Michigan State Police, Melissa Southern of Wake CCBI and more. Learn about the best practices and policy guidelines for law enforcement and eyewitness identification and CJIS mobile policies for data management software; be sure to catch a peek at the new DataWorks Plus Digital PhotoManager web user interface and Pre-Booking Module and Adobe Premiere Video Editing and Digital CrimeScene integration!

To register, you can visit our website [here](#) and book your hotel [here](#)! We are excited to see you in Music City this October!

---

## VideoManager Plus Pilot in Travelers Rest a Success

DataWorks Plus recently installed a pilot version of the new VideoManager Plus

### **VideoManager Plus**

Secure Video Evidence  
Storage & Management

### **FACE Watch Plus**

Real Time Screening

### **Digital PhotoManager**

Investigative Mugshots

### **RAPID-ID**

Mobile Fingerprint ID

### **FACE Plus**

Facial Recognition

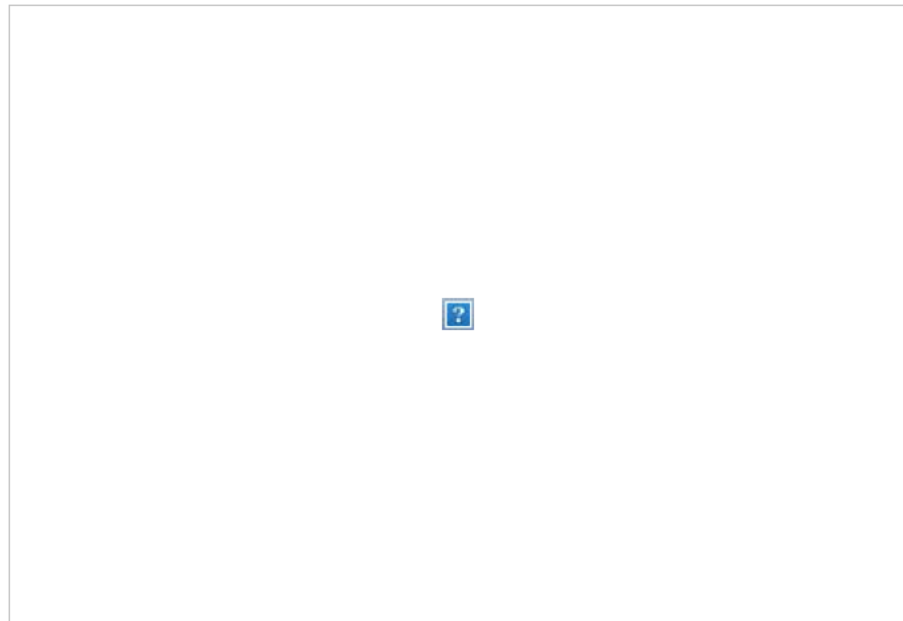
### **Inmate Tracking**

Location & Headcount  
Management

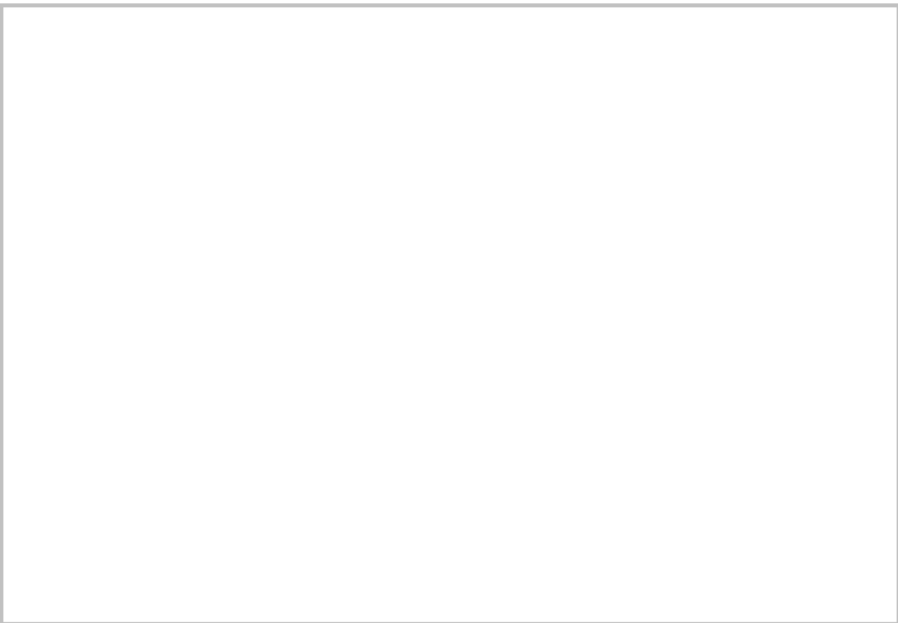
application at Travelers Rest Police Department in South Carolina.

VideoManager Plus provides a means of storing, searching and displaying video files downloaded from body-worn cameras, video surveillance cameras, CCTV, interrogations, etc. In order to work with the cameras used by TRPD, DataWorks Plus implemented a file-based interface between TRPD's existing download system and the new VideoManager Plus. This allowed patrol officers to use the download procedure they were familiar with while automating the transfer of video files to VideoManager Plus.

With a robust, full-featured search capability, VideoManager Plus provides the ability to find a specific video by file ID, device ID, recording officer, recording date and time, case number, incident type, or address.



Once the operator has found the required video, the user may play the video, add text comments, capture screenshots, bookmark specific points, or export the video for editing or publication; this allows for complete evidence case building.



Another important feature of VideoManager Plus is the classification of video files, primarily for the purpose of expiration and expungement of files. Video files tend to be very large and can quickly take up large amounts of storage. VideoManager Plus provides a classification process whereby an agency can limit the time video files are stored. For example, recordings of routine police work (traffic tickets, service calls, etc.) may be deleted after a few weeks, while recordings of major events (felony arrests, violent encounters) are retained for years. Each agency can define their retention policies as needed. An indexing process can also run footage to analyze facial recognition matches, detected spoken words, detected objects and GPS locations.

DataWorks Plus has established business relationships with multiple hardware and software manufacturers in order to integrate them into VideoManager Plus, tailoring the solution to best meet the needs of law enforcement agencies. Video data may be stored securely on site with the agency, an off-site location, in the cloud, or a hybrid approach of these storage options. Videos are protected from alterations, loss, and unauthorized viewing or printing. The contents of the original video file are NEVER altered, preventing court room challenges towards authenticity. VideoManager Plus supports playback of several video formats on many devices, including phones and tablets, maximizing the product's versatility.

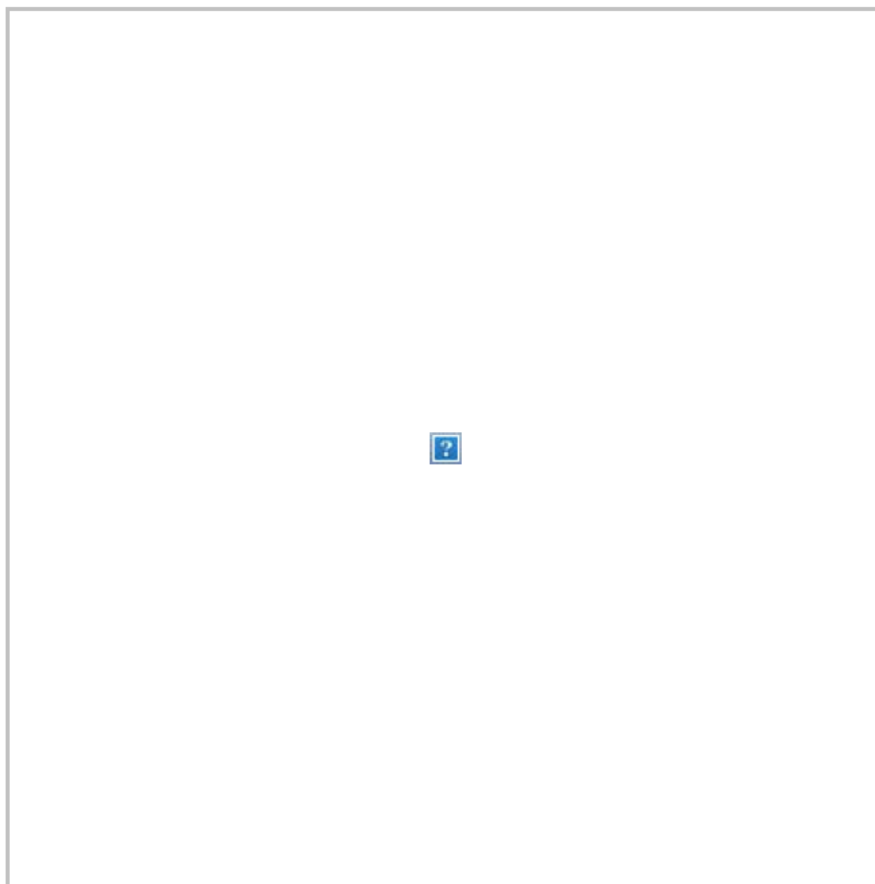
VideoManager Plus is poised to erase the problems agencies have of security, storage, retrievability and usability. If you'd like a demonstration or more information, check out our [website](#) or email or call your sales representative.

---

## Facial Recognition in Real Time

DataWorks Plus has been providing facial recognition technology to law enforcement agencies from coast to coast for over a decade, and the capabilities of facial recognition systems have continuously improved with each passing year. As the industry-leading algorithms and cutting-edge hardware utilized in our products increase in speed and efficiency, the investigative potential of facial recognition has risen exponentially. In the early days of facial recognition, queries were limited to a single probe image from a manual search, with results requiring several seconds of processing time or longer. Now, facial recognition technology can process several probe image queries in less than a second, allowing searches to not only be performed on still images, but live videos. By making full use of the most advanced facial recognition technology on the market, DataWorks Plus is excited to release its first Real-Time Screening (RTS) solution, FACE Watch Plus. [WATCH A DEMO NOW.](#)

By applying face detection and facial matching software to live surveillance video, our FACE Watch Plus application can actively query any detected faces from a live camera feed frame-by-frame. Our application can be configured to accept live video from any data source, such as a surveillance camera. Any faces detected within the video feed are automatically sent to a target facial enrollment database for matching and identification. The system is scalable to maintain optimal performance against any sized enrollment database, making it ideal for large agencies querying large image repositories. The system is capable of processing several video feeds at once, allowing your agency to strategically place multiple cameras at choke points with the highest foot traffic.



FACE Watch Plus will quickly and accurately analyze each individual in a large group and return results within seconds. Facial minutiae can be determined not only from straight-on facial shots, but also faces at an angle or with glasses or obscured by hats, etc. Any positive hit notifications are immediate and can be sent to any predefined workstations or devices specified by your agency. Email notifications can be sent to designated contacts as well. Authorized users can then access any available record information by clicking on results from the time-stamped query transaction log. This makes the system ideal for automated watchlist matching or investigative searching, helping agency personnel quickly identify and locate individuals of special concern.

DataWorks Plus is confident that our Face Watch Plus RTS solution can serve as a powerful tool for agencies to ensure public safety in ways which simply would not be possible with traditional facial recognition systems. If you would like to know how Face Watch Plus can benefit your agency, or would like to see a product demonstration, please contact your regional DataWorks Plus representative.

---

## Employee Spotlight

### Mike Padalecki - Regional Support Technician

Our Colorado Regional Support Technician Mike joined DataWorks Plus in January 2016. He learned about DataWorks Plus through Jessica Mensing, our contract specialist. Born in Baltimore, Mike considers himself a Colorado native and diehard Denver Broncos fan since 1969 and currently lives in Castle Rock. He holds an Associate's Degree in Automotive and Diesel Technology, as well as a

Bachelor's of Science Degree in Computer Information Systems, and has been working on his Masters in Management Information. Mike enjoys camping, hiking, fishing, and fourwheeling as an avid outdoorsman. The best thing about his job as a regional technician for DataWorks Plus is it allows him to travel to new places and meet new people. We were excited when Mike visited the DataWorks Plus headquarters in South Carolina this April and had a chance to meet the rest of the team.



#### **Stephen Grant - Regional Support Technician**

We are thrilled to welcome Stephen Grant as our Tennessee Regional Support Technician in Athens, TN. Originally from Preston, England, a city in the Northwest near Manchester, home of the Industrial Revolution. Stephen attended the University of Central Lancashire, where he received the equivalent of an Associate's Degree in Forensic Computing. After Stephen stayed home with the birth of their first child, Stephen and his wife decided that she would stay home with their second and Stephen would start with DataWorks Plus in May 2016. As a fan of the "original football," he supports Chelsea FC. He says, "The best part of working for DataWorks Plus is my colleagues, who are always willing to go the extra mile for each other and their clients" and we hope he enjoys his time with us and the challenging endeavor he's undertaken to read two preferably nonfiction books a month in 2017.



#### **Jeanette Domingo - Support Technician**

DataWorks Plus would like to introduce Jeanette Domingo as a Support Technician since May 2016. Jeanette was born in Los Angeles, CA, to Guatemalan parents but grew up in Greenville, SC, home of DataWorks Plus' headquarters. She attended nearby Southern Wesleyan University and received her Bachelor's Degree in Computer Information Systems with a minor in Applied Computer Science in May 2016. With a strong presence of Southern Wesleyan graduates in our support department, Jeanette quickly learned of an opening; she and her family live in the Greenville area. Jeanette enjoys spending time with her family, including her two girls, a four year old and a three month old, and travelling locally and abroad. DataWorks Plus has provided Jeanette the opportunity to help people over the phone and onsite, learn new skills, and interact in a laidback work environment. We hope that Jeanette enjoys her time at DataWorks Plus.





DataWorks Plus, 728 North Pleasantburg Drive, Greenville, SC 29607

[SafeUnsubscribe™ jharper@sbcscd.org](mailto:jharper@sbcscd.org)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [dwpnews@dataworksplus.com](mailto:dwpnews@dataworksplus.com) in collaboration with

[Constant Contact](#)



[Try it free today](#)

**From:** [Forensic Magazine](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Most Women Killed by Partners or Family, Global Homicide Report Says  
**Date:** Wednesday, November 28, 2018 11:01:32 AM

[View this email in your browser.](#)

## Forensic News Daily



NOV  
28



### IN THIS ISSUE

#### NEWS

**Denver Is Latest City  
Pushing for 1st US Drug  
Injection Site**

#### NEWS

**New Trial Ordered for Man  
Convicted After Jury Room  
Chaos**

#### NEWS

**Evaluating the Use of  
Automated Facial  
Recognition Technology in  
Major Policing Operations**

#### NEWS

**California Bar Shooter Had  
Enough Ammo to Kill Many  
More**

**Find the truth. Learn about  
alternative matrices.**



Get the new mass spectrometry eBook where we discuss fit-for-purpose traditional and alternative sample matrices to capture the drug traces you need.

**DOWNLOAD EBOOK**



### FEATURED STORY

## Most Women Killed by Partners or Family, Global Homicide Report Says

Some 87,000 women and girls were victims of homicide last year. Experienced detectives worldwide know: look to the husband or lover first.

## Featured Story

A new "Global Study on Homicide" published by the United Nations confirms a statistical backing for that first avenue of inquiry.

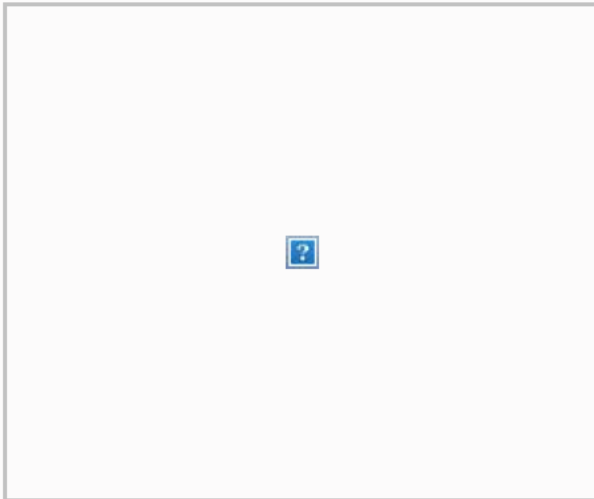
Share



FULL STORY



## Register Today and Save



The R&D 100 Conference is a celebration of innovation, providing sessions that address a variety of developments from the past year, forecasts for the coming year and collaborative spaces for sharing ideas with industry peers.

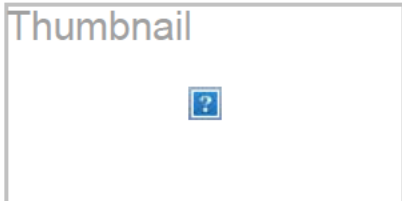
REGISTER NOW



### NEWS

## Evaluating the Use of Automated Facial Recognition Technology in Major Policing Operations

### Thumbnail



Academics have conducted the first independent academic evaluation of Automated Facial Recognition (AFR) technology across a variety of major policing operations.

FULL STORY



### NEWS

## Denver Is Latest City Pushing for 1st US Drug Injection Site

## Thumbnail



Despite federal opposition, Denver is trying again to become what could be the first U.S. city to open a supervised drug injection site, a strategy that some liberal cities have tried repeatedly to launch to reduce overdose deaths fueled by a nationwide opioid epidemic.

[FULL STORY](#)

## QIAGEN Quality Sensors and Interpretation for Database and Casework Samples



In this live webinar, Dr. Hughes-Stamm will discuss the benefits afforded by the Investigator Quality Sensor system when processing challenging reference and casework samples. In addition, she will report on robust interpretation and rework strategies for inhibited or degraded samples.

[REGISTER NOW](#)

### NEWS

## Michigan: Ex-director Promotes Oversight Panel as He Criticizes State Police Labs

## Thumbnail



The former director of the Michigan State Police forensic science division gave fiery testimony Tuesday about problems at the agency while pleading with lawmakers to support the formation of a commission to oversee the lab's work.

[FULL STORY](#)

### NEWS

## California Bar Shooter Had Enough Ammo to Kill Many More

## Thumbnail



The gunman who killed 12 people in a crowded Southern California bar had more than 150 bullets left to fire but stopped shooting to ambush arriving officers, killing one of them, police said Tuesday.

[FULL STORY](#)

NEWS

## New Trial Ordered for Man Convicted After Jury Room Chaos

Thumbnail



A man who was quickly convicted of murder only after a suburban Detroit judge replaced a juror to end days of chaos has been granted a new trial.

FULL STORY



**SUBSCRIBE | ABOUT US | ADVERTISE**

We respect your right to privacy - view our policy [here](#).

This mailbox is unattended, so please do not reply to this message. [Contact us](#) for assistance.

If you no longer wish to receive these emails - unsubscribe [here](#).

This email was sent by: **Forensic Magazine**  
100 Enterprise Drive - Suite 600 - Rockaway, NJ 07866-2129

© 2018 Forensic Magazine. All rights reserved.

**From:** [NEC Corporation of America](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NEC Corporation of America Recognized with Top Government / Public sector award -- Face Recognition Technology for Government and Public Sectors Company of the Year Award  
**Date:** Monday, December 19, 2016 7:00:41 AM

---

If you have trouble viewing this email, [read the online version](#).



I want to share some of our recent good news with you. NEC's face recognition technology recently received Frost & Sullivan's highest recognition for Best Practices: recognizing NEC Corporation of America (NEC) with the 2016 North America Face Recognition Technology for Government and Public Sectors Company of the Year Award.

The NEC press release announcing the Frost & Sullivan award can be found at:

<http://prn.to/2gzDUI3>

Additional details on this accomplishment can be viewed at:

<http://best-practices.frost-multimedia-wire.com/nec>

Best Regards,



Raffie Beroukhim  
Vice President  
NEC Biometrics Solutions Division



---

This email was intended for [fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org).

If you prefer not to receive further messages by opting out or to manage your preferences, please [click here](#).

If you would like to unsubscribe from similar communications please [click here](#).

Frost & Sullivan respects your [privacy](#).

© Frost & Sullivan 2016, 7550 IH 10 West, Ste. 400, San Antonio, TX 78229  
Toll Free: 1.877.GoFrost Email: [myfrost@frost.com](mailto:myfrost@frost.com)

-->

**From:** [NECToday News](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: As Seen on TV - NEC Provides Powerful Crime Solving Face Recognition Software to Law Enforcement  
**Date:** Wednesday, November 15, 2017 11:00:37 AM

---

Display problems? [View this newsletter in your browser.](#)



## As Seen on TV: NEC Provides Powerful Crime Solving Face Recognition Software to Law Enforcement



If you're a fan of any of the detective shows available on television and streaming services, you've probably seen an episode or two where a crucial part of solving the fictional crime is using face-recognition software to identify potential suspects. It's the digital version of an old-fashioned police lineup. The scenario usually involves detectives finding an old photo or obtaining ...

[Read more.](#)



## Biometrics Enhances LPGA Fan Experience

Ladies Pro Golf Association (LPGA) founded in 1950 is a premier professional women's sports

association that provides programs, instruction, tournament play, as well as charitable events through its foundation. Recently, at the ANA Inspiration Tournament in Palm Springs, California, the LPGA and NEC worked together to pilot a program that provided facial recognition solutions for safety and security of its ...

[Read more.](#)

## Protecting critical infrastructure and the fan experience with biometric face recognition



From concert halls to sports stadiums, nothing ruins an outing like a public safety incident. Whether it's due to a fan's reaction to an unpopular ruling on the field or a more intentional plot to inflict harm, when situations get out of control, the outcome is unpredictable and often dangerous. Imagine a scuffle breaking out at a soccer match in ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: Biometrics Enhances LPGA Fan Experience  
**Date:** Thursday, October 05, 2017 9:15:42 AM

---

Display problems? [View this newsletter in your browser.](#)



## Biometrics Enhances LPGA Fan Experience

Ladies Pro Golf Association (LPGA) founded in 1950 is a premier professional women's sports association that provides programs, instruction, tournament play, as well as charitable events through its

foundation. Recently, at the ANA Inspiration Tournament in Palm Springs, California, the LPGA and NEC worked together to pilot a program that provided facial recognition solutions for safety and security of its ...

[Read more.](#)



## Eight Key Insights from AFIS 2017

Our annual AFIS Internet User Conference leads the way for law enforcement forensic professionals. This year's highly anticipated event in Sacramento brought together professionals from around the globe,

to share information and learn from the best of the best. This is as much a learning event for NEC as it is for our AFIS User Group. Together we explored issues ...

[Read more.](#)

## Protecting critical infrastructure and the

## fan experience with biometric face recognition

From concert halls to sports stadiums, nothing ruins an outing like a public safety incident. Whether it's due to a fan's reaction to an unpopular ruling on the field or a more intentional plot to inflict harm, when situations get out of control, the outcome is unpredictable and often dangerous. Imagine a scuffle breaking out at a soccer match in ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: Coming to a Terminal and Airport Near You...  
**Date:** Monday, April 02, 2018 1:45:43 PM

---

Display problems? [View this newsletter in your browser.](#)



## Coming to a Terminal and Airport Near You...

In a nationally televised report, NBC National News covered its initial rollout! US Customs and Border Protection has now installed it in eight airports and written extensively about its benefits! Touting a “year of

innovation,” Delta Airlines has them in their Hartsfield-Jackson International Airport VIP lounge in Atlanta and using them for ticketless boarding! What is it? It is NEC’s ...

[Read more.](#)

## Time to Take a New Look at Facial Recognition

Federal efforts to improve biometric identification and authentication increasingly center on facial recognition. Facial recognition

technology has already improved mission delivery in dynamic situations such as: • Port-of-entry Screening • Crowd Surveillance • Cybersecurity Authentication • Counter Terrorism In each case, the speed and accuracy of the identification is critical to the success of the mission. To meet these challenges, ...

[Read more.](#)



Announcing NEC's New  
LPGA Microsite



NEC Corporation of America, Official Technology Sponsor of the LPGA (Ladies Professional Golf Association), proudly announces the launch of our new LPGA-focused microsite. NEC is committed to

supporting the LPGA organization in its mission to provide a safe and enjoyable environment for its players, guests and tournament staff. With the creation of this dedicated site, NEC brings together specific tournament ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: Fast, High-Accuracy Facial Recognition will be Best for Executive Ordered Biometric Entry-Exit Tracking  
**Date:** Thursday, May 04, 2017 10:01:28 AM

---

Display problems? [View this newsletter in your browser.](#)



## Fast, High-Accuracy Facial Recognition will be Best for Executive Ordered Biometric Entry-Exit Tracking

In early March of this year, President Trump released a revised version of a previously released Executive Order titled "Protecting the Nation from Foreign Terrorist Entry into the United States." Section 8 of this Executive Order directs the Department of Homeland Security (DHS) to expedite the completion of a biometric entry-exit tracking system. This new biometric enabled entry and exit ...

[Read more.](#)

## People. Patterns. Predictions. Meet the new NEC Advanced Recognition Systems.

This week I am celebrating my sixth anniversary with NEC. I recall that my original trip to visit the Headquarters in Tokyo was postponed by the unfortunate events of the 2011 Tsunami and earthquake. Since then, we have established our Center of Excellence in North America and extended our offering to U.S. Federal clients. We also introduced a number of ...

[Read more.](#)



Law Enforcement with



## the Best 'Toys' Keep Us Safe

Cop dramas, comedies and buddy stories rule the airways. From the newest TV cop show Backstrom to Brooklyn 99, Criminal Minds to Law and Order: SVU, there is no shortage of shows, detectives, and characters to choose from. If you wanted to be a cop or detective, which character would you choose—a no-nonsense, straight-talking detective or someone with more of ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

---

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: How Criminal Investigations Can Be Expedited Using Facial Recognition  
**Date:** Tuesday, May 08, 2018 9:11:01 AM

---

Display problems? [View this newsletter in your browser.](#)



## How Criminal Investigations Can Be Expedited Using Facial Recognition

Across the nation, Law Enforcement Organizations (LEOs) are inundated every day with photographic and

video evidence in their Criminal Investigation Divisions (CID). Numerous agencies have shared with me that in more than 30% of their CID cases the ONLY evidence they have is a photo or video of an unknown suspect, received from a variety of sources, including surveillance cameras,

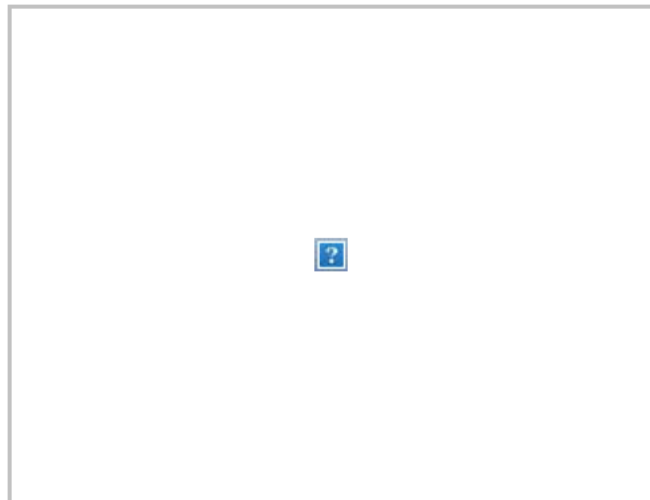
...

[Read more.](#)

## The Fate of Airport Customer Service Isn't Terminal

Today's air travel is marred by long lines, time-consuming security checks, and constant stress. Travelers are queued up at the check-in counter, at the self-service kiosk, when they drop off their bags, when they navigate the TSA screening lines and when they board the plane. However, these necessary security checks waste precious passenger time and impact an airport's bottom lines. ...

[Read more.](#)





## No Budget to Replace or Upgrade Your IT Technology... No Worries!

In today's environment of constant  
change, you may find yourself  
needing to replace or upgrade your

IT/communications technology due to circumstances out of your control. For instance: Vendor may have announced end-of-life for the system you currently have An unexpected event has occurred that has compromised your system Vendor has filed bankruptcy and you don't know what the future holds ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: Is it Time to Take a New Look at Facial Recognition?  
**Date:** Wednesday, February 21, 2018 2:25:53 PM

---

Display problems? [View this newsletter in your browser.](#)



## Time to Take a New Look at Facial Recognition

Federal efforts to improve biometric identification and authentication increasingly center on facial recognition. Facial recognition

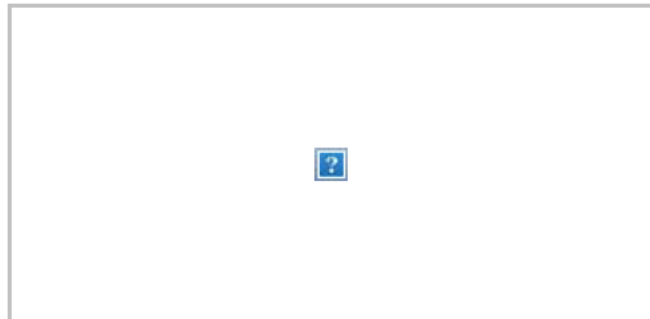
technology has already improved mission delivery in dynamic situations such as: • Port-of-entry Screening • Crowd Surveillance • Cybersecurity Authentication • Counter Terrorism In each case, the speed and accuracy of the identification is critical to the success of the mission. To meet these challenges, ...

[Read more.](#)

## How to Safely Manage the Massive Influx of Data Growth

We are living in an ever-present, data-driven economy. Connected devices and IoT are driving up the collection and distribution of data and creating capacity and management challenges like never before. Not only does the data need to be securely stored, it needs to be available within seconds and 24/7. CIOs and IT directors must identify and face these data management ...

[Read more.](#)



Keeping Your Cool  
When Severe Weather



## Hits

Extreme weather events have caused massive destruction across North America in recent months. In early 2018, the eastern part of the U.S.

experienced a “bomb cyclone” consisting of severe cold temperatures, massive amounts of snow and lots of misery. Last summer and early fall, the Gulf Coast and Caribbean were hard hit by hurricanes during one of the most severe ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: Left of Boom – Defeating the Threat Among Us  
**Date:** Wednesday, July 19, 2017 9:11:11 AM

---

Display problems? [View this newsletter in your browser.](#)



## Left of Boom – Defeating the Threat Among Us

It's no secret the world has become a much more dangerous and complicated place in the 21st century. Terrorism itself has evolved, and so has the way our federal government is combatting and defending against it. What has become clear is that violent extremist groups like ISIS and

Al Qaeda have evolved to become influencers and master manipulators online and ...

[Read more.](#)

## People. Patterns. Predictions. Meet the new NEC Advanced Recognition Systems.

This week I am celebrating my sixth anniversary with NEC. I recall that my original trip to visit the Headquarters in Tokyo was postponed by the unfortunate events of the 2011 Tsunami and earthquake. Since then, we have established our Center of Excellence in North America and extended our offering to U.S. Federal clients. We also introduced a number of ...

[Read more.](#)



Diving Deep: How



## Advantages of Infrastructure as a Service Solutions Spread through the Enterprise

As cloud computing has rapidly become mainstream, more and more companies understand the value that it brings to their organizations overall. Even the most cautious and conservative of companies are turning toward cloud computing, particularly private clouds, which address potential security risks, lack of control issues, and offer an alternative to the public cloud. Private cloud solutions such as Infrastructure ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday News](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: NEC Advanced Recognition Systems Launches NeoFace Express at Connect:ID  
**Date:** Thursday, June 01, 2017 8:25:42 PM

---

Display problems? [View this newsletter in your browser.](#)



## NEC Advanced Recognition Systems Launches NeoFace® Express at

### Connect:ID

The connect:ID Conference and Exposition held May 1-3 at the Walter E. Washington Convention Center in Washington D.C. has grown in size and significance as governments, the private sector, and consumers, increasingly realize the importance of secure identity recognition solutions. The three-day event drew together the world's leading minds and offered end users practical advice, examined current government policies, and provided ...

[Read more.](#)

## Diving Deep: How Advantages of Infrastructure as a Service Solutions Spread through the Enterprise



As cloud computing has rapidly become mainstream, more and more companies understand the value that it brings to their organizations overall. Even the most cautious and conservative of companies are turning toward cloud computing, particularly private clouds, which address

potential security risks, lack of control issues, and offer an alternative to the public cloud. Private cloud solutions such as Infrastructure ...

[Read more.](#)



Fast, High-Accuracy Facial Recognition will be Best for Executive Ordered Biometric Entry-Exit

## Tracking

In early March of this year, President Trump released a revised version of a previously released Executive Order titled "Protecting the Nation from Foreign Terrorist Entry into the United States." Section 8 of this Executive Order directs the Department of Homeland Security (DHS) to expedite the completion of a biometric entry-exit tracking system. This new biometric enabled entry and exit ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NECToday News](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** NECToday: NRF 2018 Five Trends We Think Will Transform Brick and Mortar Again  
**Date:** Wednesday, December 20, 2017 10:45:31 AM

---

Display problems? [View this newsletter in your browser.](#)



## NRF 2018: Five Trends We Think Will Transform Brick and Mortar Again

Last year, our show theme at NRF 2017 was Know Your Customer. This year, we think it's time to use that knowledge to transform brick-and-mortar retail once again, helping it compete with online retailers. How can in-store retailers create a frictionless, more personalized experience for their customers, while still making their own in-store processes more efficient and cost effective? At ...

[Read more.](#)

## Ready to "face" the latest technology for shoppers?

At NRF17, we debuted our new facial payment solution, which allows registered shoppers to pay for their products with their face. No cash, checks or cards are necessary, you just use your good looks to save time and money. You might have heard about the Amazon Go store prototype in Seattle, in which customers simply walk in, select their products, ...

[Read more.](#)





## Biometrics Enhances LPGA Fan Experience

Ladies Pro Golf Association (LPGA) founded in 1950 is a premier professional women's sports

association that provides programs, instruction, tournament play, as well as charitable events through its foundation. Recently, at the ANA Inspiration Tournament in Palm Springs, California, the LPGA and NEC worked together to pilot a program that provided facial recognition solutions for safety and security of its ...

[Read more.](#)



[Unsubscribe](#) - [Edit your subscription](#)

3929 W John Carpenter Freeway  
Irving, TX 75063

**From:** [NEC](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Nominate an NEC Biometric Hit Now! Deadline July 27th  
**Date:** Tuesday, July 24, 2018 11:17:51 AM



## 2018 AFIS Internet Biometric Identification Award Program

AFIS Internet, Inc. and NEC Advanced Recognition Systems will be holding the 3rd Annual Biometric "Hit of the Year" award at the [2018 Annual AFIS Internet Users Conference](#) held in Reston, VA, August 26-29. The focus of this award program is to showcase the power of NEC's Advanced Recognition Systems solutions. From Livescan, Facial Recognition, Latent & Palm/Finger Print solutions to the future wave of biometrics – Iris and DNA identifying; AFIS Internet, Inc. and NEC Advanced Recognition Systems have partnered up with the Public Safety community to provide a voice for the victims of crimes.

Submission criteria includes positive identification and arrest based on the specific discipline found under NEC's Advanced Recognition Systems wide casting net of Public Safety solutions. A "closed case" and "conviction" aren't necessary to be nominated; but will be taken into consideration when voted on by the AFIS Internet, Inc. Board. The focus here, again, is to showcase exceptional biometric hits while using NEC's Advanced Recognition Systems solutions.

**Submission criteria can be found on the AFIS Internet Biometric Identification Award Program form that can be downloaded [here](#).**



**Deadline for nominations is July 27, 2018**

Winners will be chosen by the AFIS Internet, Inc. Board. The individual responsible for the identification will receive recognition at the Annual Conference in August 2018 from AFIS Internet, Inc. and NEC Advanced Recognition Systems; a plaque, free membership for 2019 and the award will be recognized and posted in the AFIS Internet, Inc. newsletter and internet site.

If you have a question or need assistance, please contact [Kathy Hill](#) or [Ed Zieverink](#).



Published by NEC Corporation of America. - 3929 W John Carpenter Freeway, Irving, TX 75063

© 2018 NEC Corporation of America. All rights reserved.

[www.necam.com](http://www.necam.com)

[Unsubscribe](#)



**From:** NEC  
**To:** Sullivan, Frank  
**Subject:** Nominate Cutting-Edge Technology for the 2017 AFIS Hit of the Year Award  
**Date:** Tuesday, July 11, 2017 7:37:15 AM



## 2017 AFIS Internet Biometric Identification Award Program

AFIS Internet, Inc. and NEC Advanced Recognition Systems will be holding the  2nd Annual Biometric “Hit of the Year” award at the [2017 Annual AFIS Internet User Conference](#) held in Sacramento, California August 27-30. The focus of this award program is to showcase the power of NEC’s Advanced Recognition Systems solutions. From Livescan, Facial Recognition, Latent & Palm/Finger Print solutions to the future wave of biometrics – Iris and DNA identifying; AFIS Internet, Inc. and NEC Advanced Recognition Systems have partnered up with the Public Safety community to provide a voice for the victims of crimes.

Submission criteria includes positive identification and arrest based on the specific discipline found under NEC’s Advanced Recognition Systems wide casting net of Public Safety solutions. A “closed case” and “conviction” aren’t necessary to be nominated; but will be taken into consideration when voted on by the AFIS Internet, Inc. board. The focus here, again, is to showcase exceptional biometric hits while using NEC’s Advanced Recognition Systems solutions.

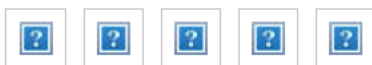
Submission criteria can be found on the AFIS Internet Biometric Identification Award Program form that can be downloaded [here](#).



**Deadline for nominations is July 14, 2017**

Winners will be chosen by the AFIS Internet, Inc. Board. The individual responsible for the identification will receive recognition at the annual conference in August 2017 from AFIS Internet, Inc. and NEC Advanced Recognition Systems; a plaque, free membership for 2018 and the award will be recognized and posted in the AFIS Internet, Inc. newsletter and internet site.

If you have a question or need assistance, please contact [ezieverink@sheriff.hamilton-co.org](mailto:ezieverink@sheriff.hamilton-co.org)



[www.necam.com](http://www.necam.com)

[Unsubscribe](#)



**From:** NEC  
**To:** Sullivan, Frank  
**Subject:** Nominate Cutting-Edge Technology for the 2017 AFIS Hit of the Year Award  
**Date:** Thursday, June 08, 2017 10:05:48 AM



## 2017 AFIS Internet Biometric Identification Award Program

AFIS Internet, Inc. and NEC Advanced Recognition Systems will be holding the  2nd Annual Biometric “Hit of the Year” award at the [2017 Annual AFIS Internet User Conference](#) held in Sacramento, California August 27-30. The focus of this award program is to showcase the power of NEC’s Advanced Recognition Systems solutions. From Livescan, Facial Recognition, Latent & Palm/Finger Print solutions to the future wave of biometrics – Iris and DNA identifying; AFIS Internet, Inc. and NEC Advanced Recognition Systems have partnered up with the Public Safety community to provide a voice for the victims of crimes.

Submission criteria includes positive identification and arrest based on the specific discipline found under NEC’s Advanced Recognition Systems wide casting net of Public Safety solutions. A “closed case” and “conviction” aren’t necessary to be nominated; but will be taken into consideration when voted on by the AFIS Internet, Inc. board. The focus here, again, is to showcase exceptional biometric hits while using NEC’s Advanced Recognition Systems solutions.

Submission criteria can be found on the AFIS Internet Biometric Identification Award Program form that can be downloaded [here](#).



**Deadline for nominations is July 14, 2017**

Winners will be chosen by the AFIS Internet, Inc. Board. The individual responsible for the identification will receive recognition at the annual conference in August 2017 from AFIS Internet, Inc. and NEC Advanced Recognition Systems; a plaque, free membership for 2018 and the award will be recognized and posted in the AFIS Internet, Inc. newsletter and internet site.

If you have a question or need assistance, please contact [ezieverink@sheriff.hamilton-co.org](mailto:ezieverink@sheriff.hamilton-co.org)



[www.necam.com](http://www.necam.com)

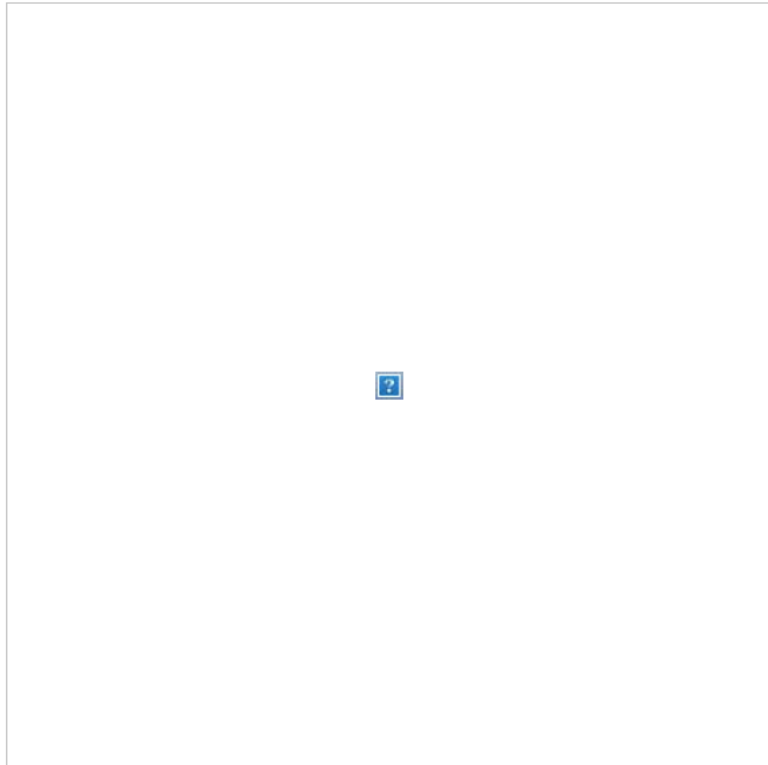
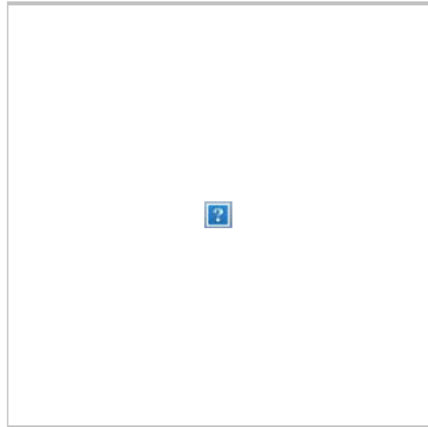
[Unsubscribe](#)



**From:** [Planet Biometrics](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Planet Biometrics Newsletter  
**Date:** Friday, December 21, 2018 12:02:46 PM

If you have trouble viewing this email, [read the online version](#)

[View in a browser](#)



[Home](#) | [In Focus](#) | [Latest Features](#) | [Industry Events](#) | [Directory](#)

## Planet Biometrics Daily Newsletter

Why not forward this e-newsletter on to a colleague so that they can also [subscribe by clicking here?](#)



### New Hyundai car unlocks with fingerprints

21 Dec 18

The car can be programmed to recognise the fingerprints of multiple people and automatically adjust the seat position and angle of the rear view mirror based on their personalised settings.



### Gentex brings iris scanning to autonomous car

21 Dec 18

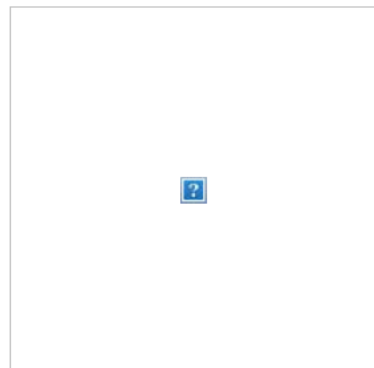
Gentex has provided its biometric iris-scanning system for occupant recognition, for a small autonomous car developed by Rinspeed.



### Fastlanes to drive biometric airport adoption

21 Dec 18

Acuity Market Intelligence considers 2019 to be a critical tipping-point



for airport biometric facilitation.



#### **Precise Biometrics chairman buys shares**

*21 Dec 18*

Torgny Hellström, chairman of the board of Precise Biometrics, has through his company purchased 150,000 shares in Precise Biometrics.



#### **Osram lens unlocks cars with iris scan and facial recognition**

*20 Dec 18*

Osram has said the Synios SFH 4772S A01 and Synios SFH 4775S A01 infrared lenses it is working on will help the vehicle identify the driver using iris scanning or facial recognition, unlock the doors and even disable the engine immobilizer.



#### **CitiDirect pilot testing biometrics in mobile trading app**

*20 Dec 18*

Citi Treasury and Trade Solutions have announced that biometric authentication is undergoing pilot tests in key markets for the CitiDirect BE desktop and mobile online trading platforms.



#### **Vietnam plans ePassport by 2020**

*20 Dec 18*

A new ePassport system has been detailed in a new draft law on the entry and exit of Vietnamese citizens that the public security ministry completed earlier this week, reports local media.



#### **Japanese OEM chooses Fingerprints sensor**

*20 Dec 18*

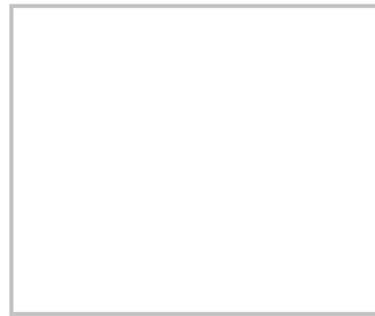
Sweden's Fingerprints has announced that a smartphone by a major Japanese OEM is launching this December with Fingerprints' sensors.



#### **NEC welcomes industry collaboration on face recognition technology**

*19 Dec 18*

Biometrics firm NEC Corporation has said it welcomes greater industry collaboration and effective discussion for the future of facial recognition technology and business.



## Events

**Border Security Conference 2019** 12 - 13 February 2019  
Rome, Italy



**Securex West Africa** 16 – 17 April 2019  
Lagos, Nigeria



**connect:ID 2019** 29 April - 1 May 2019  
Washington DC, USA



**SDW 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London, UK



**Planet Biometrics 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London



**Digital:ID 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London, UK



**Blockchain in Healthcare Congress** 13-14 June 2019  
London

[Manage your Preferences](#)

This email was sent to: [jharper@sbcscd.org](mailto:jharper@sbcscd.org)

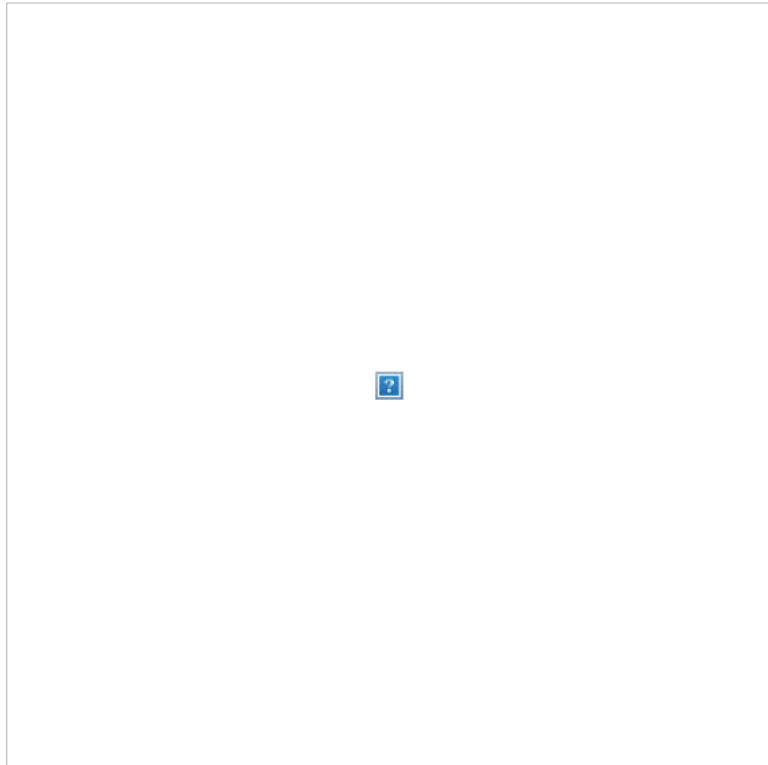
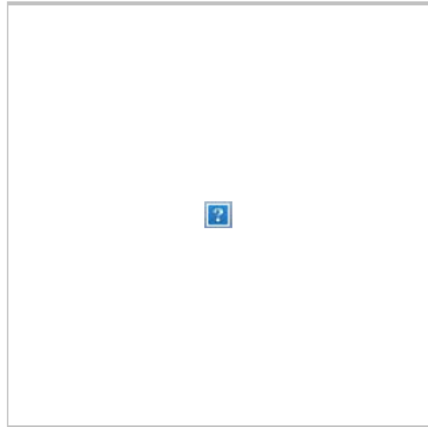
To leave our mailing list, simply [click here](#). Terrapinn respects your [privacy](#)

Science Media Partners is a part of the Terrapinn Group  
Science Media Partners Ltd, 25 Horseshoe Park, Horseshoe Road, Pangbourne, Reading, RG8 7JW, UK  
Tel: +44 (0)118 9844932 | Email: [info@sciencemediapartners.com](mailto:info@sciencemediapartners.com)

**From:** [Planet Biometrics](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Planet Biometrics Newsletter  
**Date:** Thursday, December 20, 2018 1:02:43 PM

If you have trouble viewing this email, [read the online version](#)

[View in a browser](#)



[Home](#) | [In Focus](#) | [Latest Features](#) | [Industry Events](#) | [Directory](#)

## Planet Biometrics Daily Newsletter

Why not forward this e-newsletter on to a colleague so that they can also [subscribe by clicking here?](#)



### Osram lens unlocks cars with iris scan and facial recognition

*20 Dec 18*

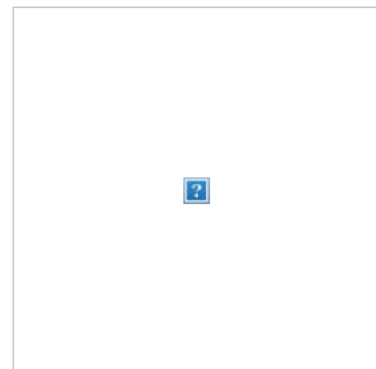
Osram has said the Synios SFH 4772S A01 and Synios SFH 4775S A01 infrared lenses it is working on will help the vehicle identify the driver using iris scanning or facial recognition, unlock the doors and even disable the engine immobilizer.



### CitiDirect pilot testing biometrics in mobile trading app

*20 Dec 18*

Citi Treasury and Trade Solutions have announced that biometric authentication is undergoing pilot tests in key markets for the CitiDirect BE desktop and mobile online trading platforms.





### **Vietnam plans ePassport by 2020**

**20 Dec 18**

A new ePassport system has been detailed in a new draft law on the entry and exit of Vietnamese citizens that the public security ministry completed earlier this week, reports local media.



### **Japanese OEM chooses Fingerprints sensor**

**20 Dec 18**

Sweden's Fingerprints has announced that a smartphone by a major Japanese OEM is launching this December with Fingerprints' sensors.



### **Neurotechnology releases SentiBotics Robot Navigation Development Kit**

**19 Dec 18**

Neurotechnology, a provider of deep learning-based solutions, robotics and high-precision biometric identification technologies, has announced the release of the SentiBotics Navigation Software Development Kit.



### **EPC reveals poll on biometric authentication technology adoption**

**19 Dec 18**

The European Payments Council has revealed the results after it invited professionals working in the payments industry to share their views on the future of biometric authentication



### **Intesa Sanpaolo turns to Gemalto for Italy's first biometric card**

**19 Dec 18**

Digital security firm Gemalto has said it is supplying Intesa Sanpaolo, a banking group in Italy, with the first Mastercard biometric contactless payment card.



### **NEC welcomes industry collaboration on face recognition technology**

**19 Dec 18**

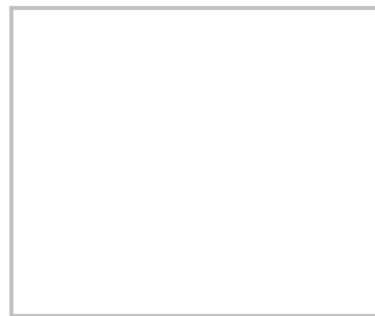
Biometrics firm NEC Corporation has said it welcomes greater industry collaboration and effective discussion for the future of facial recognition technology and business.



### **Seven-Eleven Japan trials facial recognition checkout system**

**18 Dec 18**

Seven-Eleven Japan has opened a shop with an unmanned checkout counter that's equipped with a facial recognition system, company



officials said.

## Events

**Border Security Conference 2019** 12 - 13 February 2019  
Rome, Italy



**Securex West Africa** 16 – 17 April 2019  
Lagos, Nigeria



**connect:ID 2019** 29 April - 1 May 2019  
Washington DC, USA



**SDW 2019 @ Identity Week 11** - 13 June 2019  
ExCeL, London, UK



**Planet Biometrics 2019 @ Identity Week 11** - 13 June 2019  
ExCeL, London



**Digital:ID 2019 @ Identity Week 11** - 13 June 2019  
ExCeL, London, UK



**Blockchain in Healthcare Congress** 13-14 June 2019  
London

[Manage your Preferences](#)

This email was sent to: [jharper@sbcscd.org](mailto:jharper@sbcscd.org)

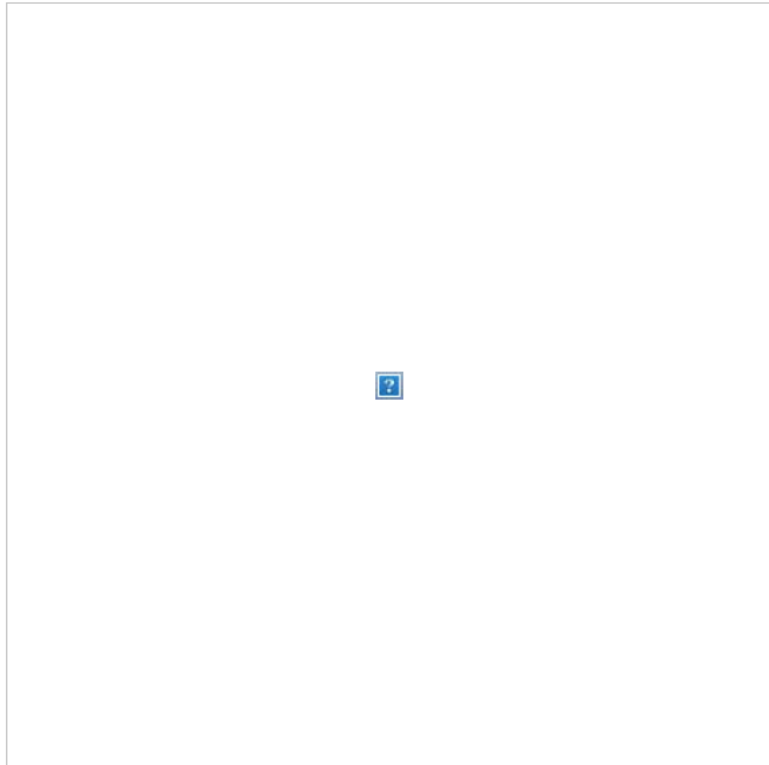
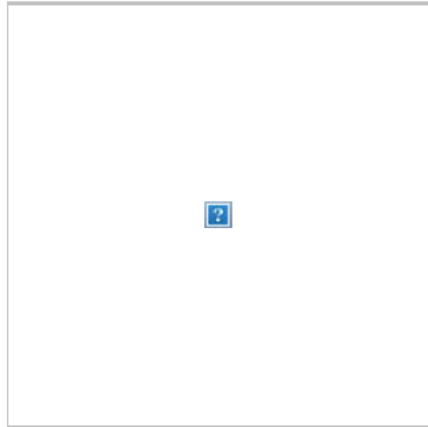
To leave our mailing list, simply [click here](#). Terrapinn respects your [privacy](#)

Science Media Partners is a part of the Terrapinn Group  
Science Media Partners Ltd, 25 Horseshoe Park, Horseshoe Road, Pangbourne, Reading, RG8 7JW, UK  
Tel: +44 (0)118 9844932 | Email: [info@sciencemediapartners.com](mailto:info@sciencemediapartners.com)

**From:** [Planet Biometrics](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Planet Biometrics Newsletter  
**Date:** Wednesday, December 19, 2018 12:01:27 PM

If you have trouble viewing this email, [read the online version](#)

[View in a browser](#)



[Home](#) | [In Focus](#) | [Latest Features](#) | [Industry Events](#) | [Directory](#)

## Planet Biometrics Daily Newsletter

Why not forward this e-newsletter on to a colleague so that they can also [subscribe by clicking here?](#)



### Neurotechnology releases SentiBotics Robot Navigation Development Kit

**19 Dec 18**

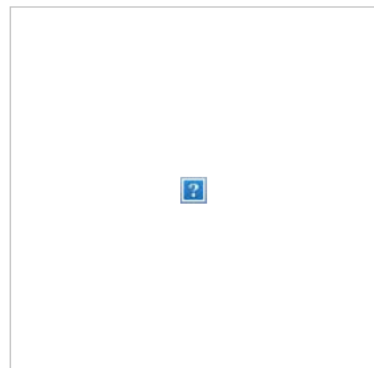
Neurotechnology, a provider of deep learning-based solutions, robotics and high-precision biometric identification technologies, has announced the release of the SentiBotics Navigation Software Development Kit.



### EPC reveals poll on biometric authentication technology adoption

**19 Dec 18**

The European Payments Council has revealed the results after it invited professionals working in the payments industry to share their views on the future of biometric authentication





### **Intesa Sanpaolo turns to Gemalto for Italy's first biometric card**

19 Dec 18

Digital security firm Gemalto has said it is supplying Intesa Sanpaolo, a banking group in Italy, with the first Mastercard biometric contactless payment card.



### **NEC welcomes industry collaboration on face recognition technology**

19 Dec 18

Biometrics firm NEC Corporation has said it welcomes greater industry collaboration and effective discussion for the future of facial recognition technology and business.



### **Idex launches SmartFinger brand**

18 Dec 18

Fingerprint identification and authentication solutions firm Idex has confirmed its external naming convention for its fingerprint technologies – sensors and modules – SmartFinger.



### **FaceTec appoints new BD**

18 Dec 18

FaceTec has appointed senior business development executive Richard Lobovsky as Senior Vice President of Business Development.



### **Zimbabwean firm to trial face recognition technology**

18 Dec 18

TelOne plans to launch a neo-face recognition technology early next year on the country's airports and traffic lights to reduce crime and promote the creation of technologically advanced smart cities.



### **Seven-Eleven Japan trials facial recognition checkout system**

18 Dec 18

Seven-Eleven Japan has opened a shop with an unmanned checkout counter that's equipped with a facial recognition system, company officials said.



### **Google to not sell face recognition tech**

17 Dec 18

Search engine giant Google will not sell facial recognition products until it can come up with policies that prevent abuse of the controversial technology, it has said in a blog post.

## Events

**Border Security Conference 2019** 12 - 13 February 2019  
Rome, Italy



**Securex West Africa** 16 – 17 April 2019  
Lagos, Nigeria



**connect:ID 2019** 29 April - 1 May 2019  
Washington DC, USA



**SDW 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London, UK



**Planet Biometrics 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London



**Digital:ID 2019 @ Identity Week** 11 - 13 June 2019  
ExCeL, London, UK



**Blockchain in Healthcare Congress** 13-14 June 2019  
London

[Manage your Preferences](#)

This email was sent to: [jharper@sbcscd.org](mailto:jharper@sbcscd.org)

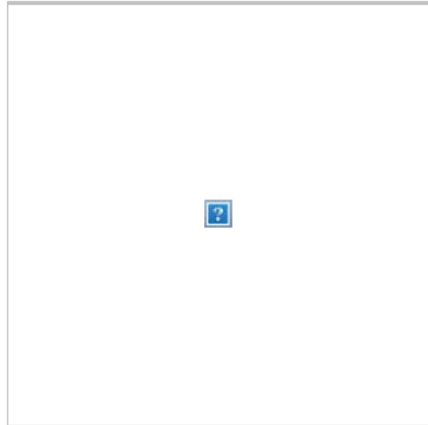
To leave our mailing list, simply [click here](#). Terrapinn respects your [privacy](#)

Science Media Partners is a part of the Terrapinn Group  
Science Media Partners Ltd, 25 Horseshoe Park, Horseshoe Road, Pangbourne, Reading, RG8 7JW, UK  
Tel: +44 (0)118 9844932 | Email: [info@sciencemediapartners.com](mailto:info@sciencemediapartners.com)

**From:** [Planet Biometrics](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** Planet Biometrics Newsletter  
**Date:** Friday, December 14, 2018 10:12:03 AM

If you have trouble viewing this email, [read the online version](#)

[View in a browser](#)



[Home](#) | [In Focus](#) | [Latest Features](#) | [Industry Events](#) | [Directory](#)

## Planet Biometrics Daily Newsletter

Why not forward this e-newsletter on to a colleague so that they can also [subscribe by clicking here?](#)



### IOM chooses Tactilis Card for pilot programmes

14 Dec 18

Tactilis, developers and manufacturers of a new biometric computer card technology, have entered an agreement for three pilot projects with the International Organisation of Migration (IOM), a related agency of the United Nations.



### AimBrain adds biometrics platform to ForgeRock programme

14 Dec 18

AimBrain, a Biometric Identity as-a-Service platform, has announced its place on the ForgeRock Trust Network.



### Princeton ID uses iris for Auburn University security

14 Dec 18

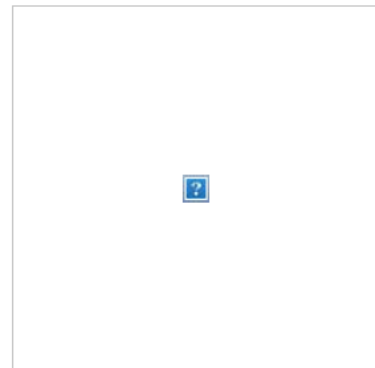
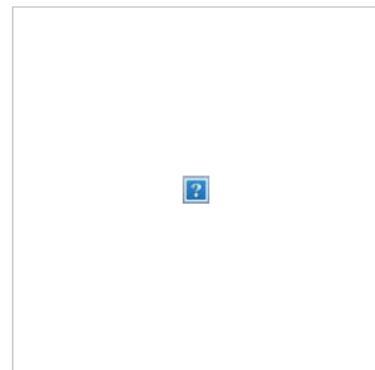
Iris tech firm Princeton Identity announced today that Alabama's Auburn University has updated and expanded the biometric identity system it uses to secure areas within its athletic facilities.



### Ten Digit communications selects ID R&D solution

14 Dec 18

Ten Digit Communications, a provider of a patented messaging platform, has partnered with biometrics firm ID R&D to offer multimodal biometric authentication.





### **NEXT Biometrics and IOTA to partner on ID**

*13 Dec 18*

NEXT Biometrics has announced a global collaboration with IOTA Foundation, a non-profit foundation focused on distributed ledger technology (DLT) and permission-less ecosystem development.



### **IDEMIA delivers smart ID to Nepal**

*13 Dec 18*

ID tech firm Idemia has been working with Nepal in delivering new national ID cards.



### **Taylor Swift turns face recognition on stalkers**

*13 Dec 18*

Pop star Taylor Swift has reportedly used facial recognition software at a concert to identify stalkers.



### **Algorithmic Justice League launches face recognition campaign**

*12 Dec 18*

The "Algorithmic Justice League", founded by Joy Buolamwini, an AI researcher at MIT, has launched a campaign that aims to prevent facial analysis technology from leading to collateral damage.



### **Edenred enables Google Pay**

*12 Dec 18*

French electronic meal vouchers firm Edenred has become the first issuer on the market to enter a partnership with Google Pay in France.

## **Events**

**Border Security Conference 2019** 12 - 13 February 2019  
Rome, Italy



**Securex West Africa** 16 – 17 April 2019  
Lagos, Nigeria



**connect:ID 2019** 29 April - 1 May 2019  
Washington DC, USA



**SDW 2019 @ Identity Week 11 - 13 June 2019**  
ExCeL, London, UK



**Planet Biometrics 2019 @ Identity Week 11 - 13 June 2019**  
ExCeL, London



**Digital:ID 2019 @ Identity Week 11 - 13 June 2019**  
ExCeL, London, UK



**Blockchain in Healthcare Congress 13-14 June 2019**  
London

Science Media Partners publishes the following emails:

- connect:ID event news
- SDW event news
- Planet Biometrics Daily Newsletter
- Security Document World newsletter

[I would like to choose which emails I receive / or unsubscribe](#)

[Choose my email preferences](#)

[Manage your Preferences](#)

This email was sent to: [jharper@sbcscd.org](mailto:jharper@sbcscd.org)

To leave our mailing list, simply [click here](#). Terrapinn respects your [privacy](#)

Science Media Partners is a part of the Terrapinn Group  
Science Media Partners Ltd, 25 Horseshoe Park, Horseshoe Road, Pangbourne, Reading, RG8 7JW, UK  
Tel: +44 (0)118 9844932 | Email: [info@sciencemediapartners.com](mailto:info@sciencemediapartners.com)

**From:** [Todd Pastorini](#)  
**To:** [Denney, John H.](#); [Dolfi, Mark A.](#); [Igor Balotsky](#); [mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org); [Wilterding, Noel](#); [Sullivan, Frank](#); [Harper, Jerry - Sheriff](#); [Jimenez, Steve \(Riverside\)](#); [mthompson@riversidesheriff.org](mailto:mthompson@riversidesheriff.org); [strott@riversidesheriff.org](mailto:strott@riversidesheriff.org); [Holman, Nemie](#); [jdewey@spokanesherriff.org](mailto:jdewey@spokanesherriff.org)  
**Cc:** [Chris Nicholson](#); [Alex Bylenga](#)  
**Subject:** Product Chair: NIST Manager Plus , Biometrics, Facial Recognition  
**Date:** Thursday, June 15, 2017 7:55:55 AM

---

Dear customers,

Our Product Chair for NIST Manager Plus™, Biometrics, and Facial Recognition is unable to participate in this year's conference. If anyone of you would like to fill in this role let me know. It entails about 1 to 2 conference calls per month an offering up ideas for that product line to be covered at the conference.

<http://www.dataworksplus.com/iccommittee.html>

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks Plus**



• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Wilterding, Noel](#)  
**To:** [Todd Pastorini](#)  
**Cc:** [Harper, Jerry - Sheriff](#); [Christopher Roberts](#); [Rigali, Mark](#); [Cantu, Jessyca](#)  
**Subject:** RE: Checking in...  
**Date:** Monday, April 03, 2017 10:21:51 AM

---

Good Morning Todd,

Thanks for the update – all good news.

One thing we're going to need in the next couple of weeks is a quote for our next maintenance agreement. The current term ends on 6/30/17. Once we get a quote, we'll start working on getting a PO.

Thanks!

Noel

Noel Wilterding, Lieutenant  
CAL-ID | Biometric Identification Network  
San Bernardino County Sheriff's Department  
880 East Mill Street  
San Bernardino, CA 92415-0054  
Desk: [REDACTED]  
Fax: [REDACTED]


---

**From:** Todd Pastorini [mailto:TPastorini@DATAWORKSPLUS.com]  
**Sent:** Wednesday, March 29, 2017 10:42 AM  
**To:** Wilterding, Noel <nwilterding@sbcscd.org>  
**Cc:** Harper, Jerry - Sheriff <jharper@sbcscd.org>; Christopher Roberts <CRoberts@DATAWORKSPLUS.com>  
**Subject:** Checking in...

Lt. Wilterding,

I wanted to check in with you regarding the DataWorks Plus system. I understand that we have finally resolved some of the connectivity issues between you and Riverside that now allows for you to have access to our Facial Recognition sharing system that gets you access to LA county. Wanted to let you know that we are also in the process of adding San Francisco and Santa Barbara County to that system as well.

Also, we have a new technician in the area. Chris Roberts has taken over for James. Let me know if you need anything and am hoping to come down soon and meet Lt. Rigali in Riverside.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks** *Plus*  


• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Wilterding, Noel](#)  
**To:** [Jessica Mensing](#)  
**Cc:** [Todd Pastorini](#); [Harper, Jerry - Sheriff](#); [mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org); [Cantu, Jessyca](#); [Mandi Davenport](#); [Sullivan, Frank](#); [Landen, Scott](#)  
**Subject:** RE: Checking in...  
**Date:** Wednesday, March 28, 2018 4:03:57 PM

---

Jessica,

I'd like to request a quote for our next maintenance agreement that would begin on July 1, 2018. Since the hardware was in its final year of coverage last year, this would be for software support only.

Thank you,


Noel

---

**From:** Jessica Mensing [mailto:JMensing@Dataworksplus.com]  
**Sent:** Wednesday, April 5, 2017 10:16 AM  
**To:** Wilterding, Noel <nwilterding@sbcscd.org>  
**Cc:** Todd Pastorini <TPastorini@DATAWORKSPLUS.com>; Harper, Jerry - Sheriff <jharper@sbcscd.org>; mrigali@riversidesheriff.org; Cantu, Jessyca <jcantu@SBCSD.ORG>; Mandi Davenport <mdavenport@dataworksplus.com>  
**Subject:** RE: Checking in...

Good afternoon,

I have attached the 2017-2018 maintenance agreement. Please note, the hardware purchased in 2012 is entering into its final year of coverage. We guarantee hardware support for five years, after which we may no longer be able to support the hardware. Please see Section 10 for more information regarding our end of life policy. Todd can provide you with an upgrade quote if you are interested. Please let me know if you have any questions regarding the renewal!

Thank you,  
Jessica Mensing  
Contract Specialist  
DataWorks Plus  


----- Original message -----

**From:** "Wilterding, Noel" <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>  
**Date:** 4/3/17 10:21 AM (GMT-08:00)  
**To:** Todd Pastorini <[TPastorini@DATAWORKSPLUS.com](mailto:TPastorini@DATAWORKSPLUS.com)>  
**Cc:** "Harper, Jerry - Sheriff" <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>, Christopher Roberts

<[CRoberts@DATAWORKSPLUS.com](mailto:CRoberts@DATAWORKSPLUS.com)>, "Rigali, Mark" <[mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org)>, "Cantu, Jessyca" <[jcantu@SBCSD.ORG](mailto:jcantu@SBCSD.ORG)>  
Subject: RE: Checking in...

Good Morning Todd,

Thanks for the update – all good news.

One thing we're going to need in the next couple of weeks is a quote for our next maintenance agreement. The current term ends on 6/30/17. Once we get a quote, we'll start working on getting a PO.

Thanks!

Noel

Noel Wilterding, Lieutenant  
CAL-ID | Biometric Identification Network  
San Bernardino County Sheriff's Department  
880 East Mill Street  
San Bernardino, CA 92415-0054  
Desk: [REDACTED]  
Fax: [REDACTED]

---

**From:** Todd Pastorini [<mailto:TPastorini@DATAWORKSPLUS.com>]  
**Sent:** Wednesday, March 29, 2017 10:42 AM  
**To:** Wilterding, Noel <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>  
**Cc:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>; Christopher Roberts <[CRoberts@DATAWORKSPLUS.com](mailto:CRoberts@DATAWORKSPLUS.com)>  
**Subject:** Checking in...

Lt. Wilterding,

I wanted to check in with you regarding the DataWorks Plus system. I understand that we have finally resolved some of the connectivity issues between you and Riverside that now allows for you to have access to our Facial Recognition sharing system that gets you access to LA county. Wanted to let you know that we are also in the process of adding San Francisco and Santa Barbara County to that system as well.

Also, we have a new technician in the area. Chris Roberts has taken over for James. Let me know if you need anything and am hoping to come down soon and meet Lt. Rigali in Riverside.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks** *Plus*



• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Landen, Scott](#)  
**To:** [Todd Pastorini](#)  
**Cc:** [Harper, Jerry - Sheriff](#); [Rigali, Mark](#); [Trott, Stephanie](#); [Sullivan, Frank](#); [Minkler, Nicholas](#)  
**Subject:** Re: Cognitec Findings on evaluation of latest engine.  
**Date:** Thursday, September 13, 2018 3:57:04 PM

---

Todd

I don't mean to be a pain, but this is a fairly large purchase using public funds. It would make us a lot more comfortable if we were able to test the algorithm ourselves like we did with rank one.

I don't know if that's possible.

Unfortunately, My job here is to get The best possible product at the best price.

Thank you

On Sep 13, 2018, at 2:49 PM, Todd Pastorini <[TPastorini@DATAWORKSPLUS.com](mailto:TPastorini@DATAWORKSPLUS.com)> wrote:

[Here is the proposal](#)

---

**From:** Harper, Jerry - Sheriff [<mailto:jharper@sbcscd.org>]  
**Sent:** Thursday, September 13, 2018 1:32 PM  
**To:** Todd Pastorini <[TPastorini@DATAWORKSPLUS.com](mailto:TPastorini@DATAWORKSPLUS.com)>; Rigali, Mark <[mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org)>; Landen, Scott <[slanden@sbcscd.org](mailto:slanden@sbcscd.org)>  
**Cc:** Trott, Stephanie <[strott@riversidesheriff.org](mailto:strott@riversidesheriff.org)>; Sullivan, Frank <[fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org)>; Minkler, Nicholas <[nminkler@riversidesheriff.org](mailto:nminkler@riversidesheriff.org)>  
**Subject:** RE: Cognitec Findings on evaluation of latest engine.

Hi Todd,

Personally, I've never had a "hit" with the Cognitec engine, so it would have to be a drastic improvement to be able to outperform either NEC or Rank One. Like the Rank One proposal, we would want to be able to test it side-by-side with NEC and Rank One to get a true comparison of apples to apples (or Oreos to Oreos if you're not into health food).

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff/Coroner Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W):   
(F):   
(M) 

[jharper@sbcscd.org](mailto:jharper@sbcscd.org)

<}}}}><

<image001.jpg>

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Todd Pastorini <[TPastorini@DATAWORKSPPLUS.com](mailto:TPastorini@DATAWORKSPPLUS.com)>

**Sent:** Thursday, September 13, 2018 12:50

**To:** Rigali, Mark <[mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org)>; Landen, Scott <[slanden@sbcscd.org](mailto:slanden@sbcscd.org)>

**Cc:** Trott, Stephanie <[strott@riversidesheriff.org](mailto:strott@riversidesheriff.org)>; Sullivan, Frank <[fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org)>; Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>; Minkler, Nicholas <[nminkler@riversidesheriff.org](mailto:nminkler@riversidesheriff.org)>

**Subject:** Cognitec Findings on evaluation of latest engine.

All,

I wasn't expecting this outcome, but we just finished testing of the latest Cognitec engine, B11. It is on par with Rank One and slightly better than NEC. I am working on an upgrade proposal for your review here shortly.

Sincerely,  
Todd Pastorini  
**DataWorks Plus**



<Riverside San Bernardino County Facial Recognition Upgrade Rank One & Cognitec.pdf>

**From:** [Stuart, Gladys](#)  
**To:** [Sullivan, Frank](#)  
**Cc:** [Harper, Jerry - Sheriff](#)  
**Subject:** RE: Da Vinci  
**Date:** Wednesday, September 12, 2018 10:08:48 AM

---

It's all good! Keep us posted on this new version 😊. Have a blessed day guys!

G

---

**From:** Sullivan, Frank  
**Sent:** Wednesday, September 12, 2018 10:06 AM  
**To:** Stuart, Gladys <[gstuart@sbcscd.org](mailto:gstuart@sbcscd.org)>  
**Cc:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>  
**Subject:** RE: Da Vinci

Lol yea sorry, we were testing it. Unfortunately we have to buy it now :-(

We are starting the purchase process now

---

**From:** Stuart, Gladys  
**Sent:** Wednesday, September 12, 2018 10:01 AM  
**To:** Sullivan, Frank <[fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org)>  
**Cc:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>  
**Subject:** Da Vinci

Just logged into to run an image in Facial Recognition, notice it's gone....You spoiled us!

*Thank you,*

*Gladys Stuart  
Crime & Intelligence Analyst  
San Bernardino Co. Sheriff-Coroner's Dept.  
Criminal Intelligence Division/LEINC  
Email: [gstuart@sbcscd.org](mailto:gstuart@sbcscd.org)  
Hours: Tue-Fri 0630-1700  
Requests: [INTEL@sbcscd.org](mailto:INTEL@sbcscd.org)  
Main: [REDACTED]  
Dsk: [REDACTED]  
Fax: [REDACTED]*



**From:** [Harper, Jerry - Sheriff](#)  
**To:** [Todd Pastorini](#)  
**Cc:** [Sullivan, Frank](#)  
**Subject:** RE: Digital PhotoManager estimate  
**Date:** Thursday, November 02, 2017 3:32:31 PM

---

Hi Todd,

Regarding the Digital PhotoManager workstations, what would be the price per workstation for software only? The reason we are asking is that currently our Technical Services Division supplies all of the hardware for the ImageWare workstations, and we are considering trying to keep it that way since they use the workstations for other apps as well, so we need to be able to price the software as a separate line item.

Thanks,

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff's Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054  
(W) [REDACTED]  
(F): [REDACTED]  
(M) [REDACTED]  
[jharper@sbcasd.org](mailto:jharper@sbcasd.org)

<}}}}><



***"Reputation is the shadow.  
Character is the tree."***

- Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Todd Pastorini [mailto:TPastorini@DATAWORKSPLUS.com]  
**Sent:** Thursday, October 26, 2017 10:37  
**To:** Harper, Jerry - Sheriff <jharper@sbcasd.org>

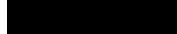
**Cc:** Sullivan, Frank <fsullivan@sbcscd.org>

**Subject:** Digital PhotoManager estimate

Jerry,

Here is a budgetary estimate for the Digital PhotoManager™ system. I have examined the Riverside system and I think this works. If I come up with any significant changes, I will let you know. I am working on the mobile quote and documentation from LA.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks** *Plus*



• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Harper, Jerry - Sheriff](#)  
**To:** [Sullivan, Frank](#); [Wilterding, Noel](#)  
**Subject:** RE: Facial Recognition  
**Date:** Thursday, February 01, 2018 9:59:11 AM

---

Lt.,

The email Frank referenced below is the last one I have from Todd as well regarding templates. Todd sent us some estimates for replacing ImageWare a few months ago, but there were no quotes for templates mixed in.

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff's Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W): [REDACTED]  
(F): [REDACTED]  
(M) [REDACTED]  
[jharper@sbcasd.org](mailto:jharper@sbcasd.org)

<}}}}><



***"Reputation is the shadow.  
Character is the tree."***

- Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Sullivan, Frank  
**Sent:** Wednesday, January 31, 2018 4:47 PM  
**To:** Wilterding, Noel <nwilterding@sbcasd.org>; Harper, Jerry - Sheriff <jharper@sbcasd.org>  
**Subject:** FW: Facial Recognition

This is the only email I could find reference cost of templates

Defiantly longer the 6 mo ago lol.

\$45,000 for 200k templates = .225 cents

---

**From:** Todd Pastorini [<mailto:TPastorini@DATAWORKSPPLUS.com>]

**Sent:** Tuesday, November 22, 2016 1:21 PM

**To:** Anne, Dan <[danne@riversidesheriff.org](mailto:danne@riversidesheriff.org)>; Wilterding, Noel <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>


**Cc:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>; Emery, David <[demery@riversidesheriff.org](mailto:demery@riversidesheriff.org)>;

Sullivan, Frank <[fsullivan@sbcscd.org](mailto:fsullivan@sbcscd.org)>; James White <[JWhite@DATAWORKSPPLUS.com](mailto:JWhite@DATAWORKSPPLUS.com)>

**Subject:** Facial Recognition

Gentlemen,

The NEC FR engine has about 200,000 templates left. We added 200,000 templates about 2 years ago and that was \$45,000. Do you want to look at a higher increment?

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks Plus**  


• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Todd Pastorini](#)  
**To:** [Sabatini, Derek S.](#); [Rigali, Mark](#); [Landen, Scott](#); [Harper, Jerry - Sheriff](#); [Sullivan, Frank](#); [strott@riversidesheriff.org](#); [Thompson, Michael](#); [Mark Dolfi](#); [Steve Bevan](#)  
**Cc:** [John Schwerin](#); [Christopher Roberts](#)  
**Subject:** RE: NEC End User License Audit  
**Date:** Tuesday, July 17, 2018 9:47:32 AM

---

All,

We have restored the use of CAFRI, however the searches do not include results from NEC. It is limited to the Cognitec engines only. Sorry for the inconvenience, but hopefully this is a useful remedy in the mean time.


Todd

---

**From:** Todd Pastorini  
**Sent:** Monday, July 16, 2018 11:00 AM  
**To:** Sabatini, Derek S. <DSSabati@lasd.org>; Rigali, Mark <mrigali@riversidesheriff.org>; 'Landen, Scott' <slanden@sbcscd.org>; 'Harper, Jerry - Sheriff' <jharper@sbcscd.org>; 'Sullivan, Frank' <fsullivan@sbcscd.org>; 'strott@riversidesheriff.org' <strott@riversidesheriff.org>; 'Thompson, Michael' <MThompson@riversidesheriff.org>; Mark Dolfi <mADolfi@lasd.org>; Steve Bevan <Ssbevan@lasd.org>  
**Cc:** Brad Bylenga <BBylenga@DATAWORKSPLUS.com>; John Schwerin (JSchwerin@DATAWORKSPLUS.com) <JSchwerin@DATAWORKSPLUS.com>; Christopher Roberts <CRoberts@DATAWORKSPLUS.com>  
**Subject:** NEC End User License Audit

Dear customer,

We have been asked to provide an Audit Report to NEC for the NeoFace Facial recognition license you have in place. We are requesting that you provide us a list of all end user agencies with corresponding ORI that has access or the ability to run facial recognition searches from the Digital PhotoManager™ system. During the Audit period, we have elected to shut down CAFRI until we can satisfy the request to NEC. In addition, all upgrade quotes have been placed on hold by NEC. Please call me at your convenience with any questions you may have.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks Plus**  


**From:** [Rigali, Mark](#)  
**To:** [Harper, Jerry - Sheriff](#); [Landen, Scott](#); [Sullivan, Frank](#); [Trott, Stephanie](#); [Minkler, Nicholas](#); [Payne, Denell](#)  
**Subject:** RE: new Facial Recognition engine  
**Date:** Monday, July 30, 2018 12:25:51 PM  
**Attachments:** [image002.png](#)

---

Good on our end.

Mark Rigali, Lieutenant  
Cal ID | Biometric Identification Network  
Riverside County Sheriff's Department  
1260 Palmyrita Avenue  
Riverside, CA 92507

 desk  
cell

---

**From:** Harper, Jerry - Sheriff [mailto:jharper@sbcscd.org]  
**Sent:** Monday, July 30, 2018 12:24 PM  
**To:** Landen, Scott <slanden@sbcscd.org>; Rigali, Mark <mrigali@riversidesheriff.org>; Sullivan, Frank <fsullivan@sbcscd.org>; Trott, Stephanie <strott@riversidesheriff.org>; Minkler, Nicholas <nminkler@riversidesheriff.org>  
**Subject:** RE: new Facial Recognition engine

I'm in.

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff/Coroner Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W)   
(F):   
(M)   
[jharper@sbcscd.org](mailto:jharper@sbcscd.org)

<}}}}><



Character is like a tree and  
reputation like its shadow. The  
shadow is what we think of it;  
the tree is the real thing.

—Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is

addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Landen, Scott

**Sent:** Monday, July 30, 2018 11:26

**To:** Rigali, Mark <[mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org)>; Sullivan, Frank <[fsullivan@sbcasd.org](mailto:fsullivan@sbcasd.org)>; Harper, Jerry - Sheriff <[jharper@sbcasd.org](mailto:jharper@sbcasd.org)>; Trott, Stephanie <[strott@riversidesheriff.org](mailto:strott@riversidesheriff.org)>; Minkler, Nicholas <[nminkler@riversidesheriff.org](mailto:nminkler@riversidesheriff.org)>

**Subject:** new Facial Recognition engine

Hi Guys,

Would you be available this Wednesday, August 8 at 1:30, to see a demo of Dataworks new Facial Recognition engine? Would like us all to see it, so we can decide whether to buy it or stick with what we have for now.

This would be a webinar, so you can do it from your respective offices.

Thank you



**Scott Landen, Lieutenant**  
San Bernardino County Sheriff's Dept.  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
Desk: [REDACTED]  
Cell: [REDACTED]



**CONFIDENTIALITY NOTICE:** This communication contains legal privileged and confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

**From:** [Harper, Jerry - Sheriff](#)  
**To:** [Sullivan, Frank](#); [Wilterding, Noel](#)  
**Subject:** RE: Proposal for template upgrade  
**Date:** Monday, March 05, 2018 12:23:03 PM

---

I agree completely. I wasn't aware that there was a new version of the algorithm available (that must have been discussed while I was in jury duty), but I agree that a pilot/demo would be beneficial to determine if it's worth the investment to upgrade. I'm sure Todd would probably provide us with the contact info for some other agencies that are using the upgraded algorithm. I would assume that LASO probably has it already.

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff's Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W) [REDACTED]  
(F): [REDACTED]  
(M) [REDACTED]  
[jharper@sbcscd.org](mailto:jharper@sbcscd.org)

<}}}}><



***"Reputation is the shadow.  
Character is the tree."***

- Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Sullivan, Frank  
**Sent:** Tuesday, February 27, 2018 08:27  
**To:** Wilterding, Noel <[nwilterding@sbcscd.org](mailto:nwilterding@sbcscd.org)>; Harper, Jerry - Sheriff <[jharper@sbcscd.org](mailto:jharper@sbcscd.org)>  
**Subject:** RE: Proposal for template upgrade

I don't know if the V5 version is all that better to justify the 195k cost. We should ask if any customers are using it yet to ask them, or if we can try a pilot with the new algorithm. I know Todd claims pose correction isn't really needed with the new algorithm supposedly. I would say stick with

the version we have for the 65k unless we can see a good improvement

I don't think we need to add to the Cognitec templates, we rarely hit on that system

Jerry you agree?

-Frank

---

**From:** Wilterding, Noel  
**Sent:** Tuesday, February 27, 2018 6:23 AM  
**To:** Harper, Jerry - Sheriff <[jharper@sbcisd.org](mailto:jharper@sbcisd.org)>; Sullivan, Frank <[fsullivan@sbcisd.org](mailto:fsullivan@sbcisd.org)>  
**Subject:** Fw: Proposal for template upgrade

Take a look and let me know what you think...


*Sent from my Verizon LG Smartphone*

----- Original message-----

**From:** Todd Pastorini  
**Date:** Mon, Feb 26, 2018 2:13 PM  
**To:** Wilterding, Noel; Rigali, Mark;  
**Cc:**  
**Subject:** Proposal for template upgrade

Gentlemen,

Here is the proposal for the upgrade. Let me know if you need anything else.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks Plus**  


• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Todd Pastorini](#)  
**To:** [Sullivan, Frank](#); [Harper, Jerry - Sheriff](#); [Minkler, Nicholas](#); [Landen, Scott](#); [Rigali, Mark](#); [Trott, Stephanie](#)  
**Subject:** Re: RO Evaluation  
**Date:** Wednesday, September 05, 2018 1:31:38 PM

---

Ok. We will leave it on for another week. Glad you like it.

----- Original message -----

**From:** "Sullivan, Frank" <fsullivan@sbcscd.org>  
**Date:** 9/5/18 12:39 PM (GMT-08:00)  
**To:** Todd Pastorini <TPastorini@DATAWORKSPLUS.com>, "Harper, Jerry - Sheriff" <jharper@sbcscd.org>, "Minkler, Nicholas" <nminkler@riversidesheriff.org>, "Landen, Scott" <slanden@sbcscd.org>, "Rigali, Mark" <mrigali@riversidesheriff.org>, "Trott, Stephanie" <strott@riversidesheriff.org>  
**Subject:** RE: RO Evaluation

Hey Todd, We have ran multiple tests and had our Intel team testing as well. We had VERY positive experiences and noticed that many times it scored better than our existing algorithms. We noted that it is much more forgiving with glasses and with the angle of the of the face (eyes don't need to be level). If you can leave it running another week that would be great, maybe schedule a call to go over it next week when our LT returns from training so we can show him some examples

Thanks,  
Frank

---

**From:** Todd Pastorini <TPastorini@DATAWORKSPLUS.com>  
**Sent:** Wednesday, September 5, 2018 12:07 PM  
**To:** Harper, Jerry - Sheriff <jharper@sbcscd.org>; Minkler, Nicholas <nminkler@riversidesheriff.org>; Landen, Scott <slanden@sbcscd.org>; Rigali, Mark <mrigali@riversidesheriff.org>; Trott, Stephanie <strott@riversidesheriff.org>; Sullivan, Frank <fsullivan@sbcscd.org>  
**Subject:** RE: RO Evaluation

[Let me know if you have sufficiently tested this and if it is ok to turn off.](#)

---

**From:** Todd Pastorini  
**Sent:** Monday, August 20, 2018 4:49 PM  
**To:** Harper, Jerry - Sheriff <[jharper@sbcscd.org](#)>; Minkler, Nicholas <[nminkler@riversidesheriff.org](#)>; 'Landen, Scott' <[slanden@sbcscd.org](#)>; Rigali, Mark <[mrigali@riversidesheriff.org](#)>; Trott, Stephanie <[strott@riversidesheriff.org](#)>; Sullivan, Frank <[fsullivan@sbcscd.org](#)>  
**Subject:** RO Evaluation

The RO evaluation should be on and activated in your system. I would like to turn it off in two weeks. Let me know what you think.

Sincerely,  
Todd Pastorini

Executive Vice President & General Manager

**DataWorks** *Plus*



• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Harper, Jerry - Sheriff](#)  
**To:** [Christopher Roberts](#)  
**Cc:** [Sullivan, Frank](#)  
**Subject:** RE: Server 501/502 Maintenance  
**Date:** Monday, July 31, 2017 12:56:21 PM

---

Hi Chris,

Thanks for the heads up. I was off on Friday, so I apologize for the delayed response. For future correspondence, please also include my co-worker Frank Sullivan ([fsullivan@sbcasd.org](mailto:fsullivan@sbcasd.org)) since we both handle the FR project (which means that both of our phones blow up when something isn't working right ☺).

Thanks,

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff's Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W): [REDACTED]  
(F): [REDACTED]  
(M): [REDACTED]  
[jharper@sbcasd.org](mailto:jharper@sbcasd.org)

<}}}}><



***"Reputation is the shadow.  
Character is the tree."***

- Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

---

**From:** Christopher Roberts [mailto:CRoberts@DATAWORKSPLUS.com]  
**Sent:** Friday, July 28, 2017 9:01 AM  
**To:** Harper, Jerry - Sheriff <jharper@sbcasd.org>  
**Subject:** Server 501/502 Maintenance

Hello Jerry,

I'm going to be troubleshooting/updating firmware on both of these servers on Monday. I will be doing this from 10-12, but in case something comes up please expect intermittent NEC facial recognition downtime from 10-2.

7/31/17 – 10AM – 2PM Server Maintenance

Let me know if you need any more information.

Thank you,

Chris Roberts – Regional Engineer

Support: [REDACTED]

Cell: [REDACTED]

The logo for DataWorks Plus, featuring the word "DataWorks" in a bold, red, sans-serif font, followed by "Plus" in a smaller, italicized, red, sans-serif font.

**From:** [NEC Corporation of America](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** REMINDER: How are Advanced Recognition Systems Critical to Your Mission Success?  
**Date:** Tuesday, September 25, 2018 7:31:35 AM

Trouble viewing this email? [Read it online](#)



**Dear Jerry,**

*See NEC's NeoFace® Technology in action at the Federal Identity Forum & Expo 2018*

If you will be attending the Federal Identity Forum and Expo, we invite you to visit us at **Booth #312** to learn how NEC's world-renowned [advanced recognition systems](#) address today's national defense and homeland security challenges. Our solutions include facial recognition, video surveillance, analytics, intrusion detection, and other security applications that deliver scalable, end-to-end technology that enable the safety, security and economic interests of the United States.

NEC's high-performance NeoFace technology is setting the stage for [the future of access and identity recognition](#). In dynamic situations such as port-of-entry screening, crowd surveillance, cybersecurity authentication and counter terrorism, facial recognition has already improved mission delivery.

The NEC EVA solution represents a new class of video analytics allowing for instant detection, identification and tracking of suspicious individuals in a crowd. Video Analytics is used for;

- Access control and identity management
- Digital criminal analysis
- Digital evidence management
- Real-time surveillance and watch list monitoring
- Early detection of suspects and suspicious individuals enabling preventative measures to be put in place

We look forward to seeing you!

Best regards,

Benji Hutchinson

Vice President, Federal Operations

NEC Advanced Recognition Systems, Washington, D.C.



Published by NEC Corporation of America. - 3929 W John Carpenter Freeway, Irving, TX 75063

© 2018 NEC Corporation of America. All rights reserved.


[www.necam.com](http://www.necam.com)

You are subscribed to this email as jharper@sbcscd.org.  
Click here to modify your [preferences](#) or [unsubscribe](#).

**From:** [Todd Pastorini](#)  
**To:** [Harper, Jerry - Sheriff](#); [Minkler, Nicholas](#); [Landen, Scott](#); [Rigali, Mark](#); [Trott, Stephanie](#); [Sullivan, Frank](#)  
**Subject:** RO Evaluation  
**Date:** Monday, August 20, 2018 4:48:59 PM

---

The RO evaluation should be on and activated in your system. I would like to turn it off in two weeks. Let me know what you think.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks** *Plus*  


• [Mugshot Management](#) • [LiveScan Plus™](#) • [Digital CrimeScene™](#) • [Mobile Identification](#) • [Facial Recognition](#) • [Video Management](#)

**From:** [Todd Pastorini](#)  
**To:** [mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org); [Wilterding, Noel](#); [pedrake@lasd.org](mailto:pedrake@lasd.org); [Steve Bevan](#); [Dolfi, Mark A.](#); [Sabatini, Derek S.](#); [Jimenez, Steve \(Riverside\)](#); [Gordon Brussow \(Gordon.Brussow@sfgov.org\)](mailto:Gordon.Brussow@sfgov.org); [Holman, Nemie](#); [Sullivan, Frank](#); [Harper, Jerry - Sheriff](#)  
**Cc:** [John Schwerin](#); [David Meador](#); [Christopher Roberts](#); [Thomas Rawl](#)  
**Subject:** Sacramento to Join CAFRI  
**Date:** Thursday, June 08, 2017 4:17:57 PM

---

Sacramento County Sheriff's Department got approval today to join the California Facial Recognition Interconnect system.

I am working on San Joaquin County Sheriff's Department next.

Sincerely,  
Todd Pastorini  
**DataWorks** *Plus*

**From:** [Todd Pastorini](#)  
**To:** [mrigali@riversidesheriff.org](mailto:mrigali@riversidesheriff.org); [Wilterding, Noel](#); [pedrake@lasd.org](mailto:pedrake@lasd.org); [Steve Bevan](#); [Dolfi, Mark A.](#); [Sabatini, Derek S.](#); [Jimenez, Steve \(Riverside\)](#); [Gordon Brussow \(Gordon.Brussow@sfgov.org\)](mailto:Gordon.Brussow@sfgov.org); [Holman, Nemie](#); [Sullivan, Frank](#); [Harper, Jerry - Sheriff](#)  
**Cc:** [John Schwerin](#); [David Meador](#); [Christopher Roberts](#); [Thomas Rawl](#)  
**Subject:** Sacramento to Join CAFRI  
**Date:** Thursday, June 08, 2017 4:17:56 PM

---

Sacramento County Sheriff's Department got approval today to join the California Facial Recognition Interconnect system.

I am working on San Joaquin County Sheriff's Department next.

Sincerely,  
Todd Pastorini  
**DataWorks** *Plus*

**From:** [Harper, Jerry - Sheriff](#)  
**To:** [DataWorks Plus - Schwerin, John](#)  
**Cc:** [Wilterding, Noel](#); [Sullivan, Frank](#); [RVSO - Rigali, Mark](#); [RVSO - Emery, David](#); [RVSO - Thompson, Michael](#); [Jimenez, Steve \(Riverside\)](#); [DataWorks Plus - Pastorini, Todd](#)  
**Subject:** SB County frontend to DataWorks Facial Recognition servers  
**Date:** Thursday, February 16, 2017 5:00:25 PM

---

Hi John,

Great news, the network connectivity issue between the two counties for the SB County DWP frontend server to connect to the RV County backend has been resolved. Apparently there was some missing configuration on the RV County end, but their network guy was able to trace down the problem, and I can now connect to the server on TCP-443 from our side. Please let me know if there is anything else you need from us to finish standing up the frontend.

Be safe,

## **Jerry Harper, Systems Support Analyst II**

San Bernardino County Sheriff's Department  
Scientific Investigations Division  
Biometric Identification Network (CAL-ID)  
880 East Mill Street  
San Bernardino, CA 92415-0054

(W): [REDACTED]  
(F): [REDACTED]  
(M) [REDACTED]  
[jharper@sbcasd.org](mailto:jharper@sbcasd.org)

<}}}}><



***"Reputation is the shadow.  
Character is the tree."***

- Abraham Lincoln

The information transmitted (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is intended only for the person(s) or entity/entities to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient(s) is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

**From:** [CyberheistNews](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Scam of the Week: Warn Your Users About Uber Phishing Attacks  
**Date:** Monday, November 27, 2017 7:49:13 AM

---

Scam of the Week: Warn Your Users About Uber Phishing Attacks

Email not displaying?  
[View Knowbe4 Blog](#)



CyberheistNews Vol 7 #46 | Nov. 27th., 2017

**Scam of the Week: Warn Your Users About Uber  
Phishing Attacks**

Uber Total Loss: 57 million records stolen but data breach was hidden for a year.

Oh boy. Uber is known for pushing the limits of the law and has dozens of lawsuits pending against it, but this one went too far and now comes the reckoning.

Bloomberg was first to report that hackers stole the personal data of 57 million customers and drivers from Uber, a massive breach that the company concealed for more than a year. Finally, this week, they fired their chief security officer and one of his deputies for their roles in keeping the hack under wraps, which included a 100,000 dollar payment to the attackers to "delete the data".

They tried to get away with the incident by calling it a "bug bounty reward" and swipe it under the floor mats that way. Yeah, sure!

Here is the write-up, the sordid details, and a ready to copy/paste/edit blurb you can email to your users, friends and family first thing today:

<https://blog.knowbe4.com/uber-total-loss-57-million-records-stolen-but-data-breach-was-hidden-for-a-year>

## Fake Symantec Blog Spreads the Macos Proton Malware

Sunday night, a series of tweets from security researcher @noarfromspace revealed a new variant of the OSX.Proton malware, spreading in a concerning new method: spoofing security company Symantec's blog.

The malware is being promoted via a fake Symantec blog site at [symantecblog\[dot\]com](http://symantecblog[dot]com). The site is a good imitation of the real Symantec blog, even mirroring the same content. The registration information for the domain appears, on first glance, to be legitimate, using the same name and address as the legitimate Symantec site. The email address used to register the domain is a dead giveaway, however.

The bad guys have made up a completely fictitious product: The Symantec Malware Detector and use social engineering to trick the user into installing it.



Train those users to not fall for social engineering tactics like that. More at Malwarebytes:  
<https://blog.malwarebytes.com/threat-analysis/mac-threat-analysis/2017/11/osx-proton-spreading-through-fake-symantec-blog/>

## Massive Phishing Attack on Businesses With Evil New Ransomware Strain

The Scarab ransomware strain is updated again and spreads via Necurs botnet in a massive 12.5 million campaign, mostly targeting .com domains.

Scarab was spotted June 2017 for the first time, appending the .scarab file extension to the files. Later it was updated and started using .scorpio suffix to make files inaccessible.

The current campaign is spreading a third updated version of the ransomware which in order to prevent users from using third-party recovery tools, deletes Shadow Volume Copies and other default Windows recovery features.

Although this cybercrime gang is smaller, they are pros in social engineering and know the successful tactics to manipulate people into opening a malicious attachment. Currently, Scarab's payload is included into the emails with fake images of scanned documents and have subject lines like:

- Scanned from Lexmark,
- Scanned from Epson,
- Scanned from HP,
- Scanned from Canon.

More background, screenshots and links at the KnowBe4 blog:  
<https://blog.knowbe4.com/massive-phishing-attack-on-businesses-with-evil-new-ransomware-strain>

## Don't Miss the December Live Demo: Simulated Phishing and Awareness Training

Old-school security awareness training doesn't hack it anymore. More than ever,

your users are the weak link in your network security.

**Join us on Thursday, December 7, 2017, at 2:00 p.m. (EDT)** for a 30-minute live product demonstration of KnowBe4's Security Awareness Training and Simulated Phishing Platform to see the latest features and how easy it is to train and phish your users:

- NEW see our latest feature: Security Roles with granular permissions
- NEW Smart Groups puts your phishing, training and reporting on autopilot. Best of all, it's a powerful ad-hoc, real-time query tool to get detailed reporting.
- Customized Automated Security Awareness Program creates a fully mature training program in just a few minutes!
- Access to the world's largest library of awareness training content through our innovative Module Store.
- Send Simulated Phishing tests to your users during specified business hours with "Reply-to Tracking" that shows you which users fall for spoofed emails and what they answer to the bad guys.
- Reporting to watch your Phish-prone percentage drop, with great ROI.

Find out how 14,000+ organizations have mobilized their end-users as their last line of defense, and why KnowBe4 has made it as a Gartner's Magic Quadrant Leader:

Register Now: <https://attendee.gotowebinar.com/register/5507624554703389187?source=CHN>

Warm Regards,  
Stu Sjouwerman  
Founder and CEO  
KnowBe4, Inc.

## Quotes of the Week

*"Always try to do something for the other fellow and you will be agreeably surprised how things come your way - how many pleasing things are done for you."* - Claude M. Bristol - Writer (1891 - 1951)

*"Gratitude is the sign of noble souls."* - Aesop - Author (620 - 560 BC)

**Thanks for reading CyberheistNews**

But if you want to unsubscribe, you can do that [right here](#)

**You can read CyberheistNews online at our Blog**

<https://blog.knowbe4.com/cyberheistnews-vol-7-47-scam-of-the-week-warn-your-users-about-uber-phishing-attacks>

## Security News

### qkG Ransomware Encrypts Only Word Documents, Hides and Spreads via Macros

Security researchers have discovered a new ransomware strain named qkG that targets only Office documents for encryption and infects the Word default document template to propagate to new Word documents opened through the same Office suite on the same computer.

The good news is that this ransomware is still under development and has not made any victims in the real world just yet. Trend Micro security researcher Horejsi spotted qkG at the start of the month in the mountain of suspicious files uploaded to Google's VirusTotal file scanner each day.

#### How qkG works

qkG is an oddity on the ransomware scene because it works very differently from similar threats. A typical qkG infection goes through the following steps:

**Step 1:** User downloads and opens infected Word document.

**Step 2:** User clicks "Enable Editing" button which allows the execution of macro scripts, which in this case is VBA code attached to the document. qkG is entirely contained within the macro script, an oddity, since most ransomware threats only use macros to download and run their main binary.

**Step 3:** The qkG code runs, but nothing happens. This is because qkG uses the onClose function to execute the malicious part of the macro code (the actual qkG ransomware) when the user closes the Word file.

The qkG author might have gotten inspiration from a Locky campaign that took

place over the summer that also used the onClose function inside Word macro scripts to download and run the Locky ransomware. More:  
<https://www.bleepingcomputer.com/news/security/qkg-ransomware-encrypts-only-word-documents-hides-and-spreads-via-macros/>

## Drive-By Phishing Scams Race Toward Uber Users

Matt Schwartz at BankInfoSecurity had the best write-up. He started with: "Social Engineering the Masses: Ready, Set, Go"

"Indeed, hardly any time elapsed after Uber came clean Tuesday about the year-old breach it had concealed before crack teams of social engineers unleashed appropriately themed phishing messages designed to bamboozle the masses.

"Less than 24 hours after the Uber hack news broke, the phishing attacks started," says Australian data breach expert Troy Hunt via Twitter.

Hunt's alert comes in the wake of IT consultant Dale Meredith warning that he'd flagged his first verified phishing email with an Uber theme, which asks for people to change their password. Of course, this isn't a valid password-change request but rather a way for crooks to capture people's legitimate passwords. Doing so allows criminals to log into any account that shares the same email address, for which the user has reused their password.""

Fun Fact: the screen shot of the example phishing email is one of KnowBe4's phishing templates we create for our customers. You can see it here:  
<https://www.bankinfosecurity.com/blogs/drive-by-phishing-scams-race-toward-uber-users-p-2566>

## Only 12% of Organizations Are Likely to Detect a Sophisticated Cyber Attack

According to the EY survey of nearly 1,200 C-level leaders of the world's largest and most recognized organizations, 12% of respondents are likely to detect a sophisticated cyber attack. Findings also show that 56% of those surveyed are making or planning to make changes to their strategies and allocate budget for cybersecurity to build stronger resilience to such attacks. More:

<https://www.helpnetsecurity.com/2017/11/22/detect-sophisticated-cyber-attack/>

## Canadian Business Banking Customers Hit With Targeted Phishing, Account Takeover Attacks

IBM X-Force research has been following the activity of a cybergang that has been targeting Canadian businesses with customized phishing attacks, likely operating out of Ukraine.

The attacks are designed to trick those with account access to divulge their company's online banking credentials, one-time passwords and two-factor authentication codes.

The goal of this targeted phishing attack is to take the account over and transfer money to mule accounts that the criminals control. These attacks are a prime reason to step high-risk employees like Accounting, HR, C-level execs and Sales/Marketing through new-school security awareness training. More: <https://securityintelligence.com/canadian-business-banking-customers-hit-with-targeted-phishing-account-takeover-attacks/>

## In the UK, Under 25s More Likely to Be Duped by Phishing Scams

The UK's 'Get Safe Online Week' took place in late October. The week addressed the lack of awareness that still exists around surfing the internet securely, and promoted best practice advice from security experts to reduce the frequency that people fall victim to cybercrime.

As part of the event, the "Get Safe Online" organisers published survey findings that revealed that under 25s are now more than twice as likely to fall victim to 'friends and family' phishing scams than baby boomers (over 55s).

Furthermore, not only are they being duped more often, but they're also being scammed out of more money each time – typically losing £613 compared to £214 by the older generation. The survey went on to identify phishing as the tactic used most often to trick unfortunate victims into handing over cash. More:

<https://www.itproportal.com/features/under-25s-more-likely-to-be-duped-by-phishing-scams/>

## Try the Weak Password Test for a Chance to Win a Nintendo Switch

Are your user's passwords...P@ssw0rd? Verizon's recent Data Breach Report showed that 81% of hacking-related breaches used either stolen and/or weak passwords. (The recent Bad Rabbit ransomware attack is a scary example of this.) Employees are the weakest link in your network security.

KnowBe4's Weak Password Test checks your Active Directory for 10 different types of weak password related threats and reports any fails so that you can take action. Plus, you'll be entered to win a Nintendo Switch.

Also, EVERYONE in the US/Canada will receive a real Kevin Mitnick collectible stainless-steel lock-pick business card!

To enter just go here fill out the form, it's quick, easy and often a shocking discovery. Yep, it's that easy. Hurry, deadline to enter is Nov 30th...  
<https://info.knowbe4.com/wpt-sweepstakes-082017>

## Interesting News Items This Week

Google admits tracking users' location even when setting disabled:  
<http://www.zdnet.com/google-amp/article/google-admits-tracking-users-location-even-when-setting-disabled/>

Norway issues Holiday phishing warning. Note: Warnings getting closer to Santa's base of operations:  
<https://www.telecompaper.com/news/telenor-norway-warns-of-hacking-and-phishing-ahead-of-black-friday--1221526>

I was on TV, interviewed about the iPhone X facial recognition vulnerabilities:  
<http://www.abcactionnews.com/money/consumer/cyber-security-expert-iphone-x-facial-recognition-is-vulnerable>

Over 400 Popular Sites Record Your Every Keystroke and Mouse Movement.  
Yikes!:

<https://thehackernews.com/2017/11/website-keylogging.html>

DDoS Attack Attempts Doubled in 6 Months:

<https://www.darkreading.com/mobile/ddos-attack-attempts-doubled-in-6-months/d/d-id/1330460?>

Millions of Computers Affected By Intel Firmware Flaws:

<https://www.bankinfosecurity.com/millions-computers-affected-by-intel-firmware-flaws-a-10464>

Ransomware damage costs predicted to hit 11.5 billion dollars by 2019:

<https://www.csoonline.com/article/3237674/ransomware/ransomware-damage-costs-predicted-to-hit-115b-by-2019.html>

When Russia's most notorious hackers hired servers from a UK-registered company, they left a trove of clues behind, the BBC discovered. Sloppy Hacker OpSec:

<http://www.bbc.com/news/technology-42056555>

## Cyberheist 'Fave' Links

### This Week's Links We Like, Tips, Hints and Fun Stuff

- The new amazing video from OK Go features lots and lots of printers:  
<https://www.youtube.com/watch?v=LgmXMuW6Fsc>
- Amazing and impressive water bottle flips performed by Texas-based trick shot group 'Dude Perfect.':  
[http://www.flixy.com/water-bottle-flip-2-dude-perfect.htm?utm\\_source=4](http://www.flixy.com/water-bottle-flip-2-dude-perfect.htm?utm_source=4)
- People Are Awesome: Best of Week 40. Some good ones here!:  
[http://www.flixy.com/people-are-awesome-best-of-week-40.htm?utm\\_source=4](http://www.flixy.com/people-are-awesome-best-of-week-40.htm?utm_source=4)
- People Are Awesome: Everyone needs a helping hand sometimes. Teamwork:  
[http://www.flixy.com/people-are-awesome-better-together.htm?utm\\_source=4](http://www.flixy.com/people-are-awesome-better-together.htm?utm_source=4)
- How to Move a Refrigerator. An amazing way to move a refrigerator to another house:  
[http://www.flixy.com/how-to-move-a-refrigerator.htm?utm\\_source=4](http://www.flixy.com/how-to-move-a-refrigerator.htm?utm_source=4)

- Hollywood-based magician John Lovick performs a torn and restored handbill trick that magic icons Penn and Teller can't explain:  
[http://www.flixxy.com/handsome-magician-fools-penn-and-teller.htm?utm\\_source=4](http://www.flixxy.com/handsome-magician-fools-penn-and-teller.htm?utm_source=4)
- Rev up your day with a freestyle motocross rider famous for his unique tricks and style:  
[http://www.flixxy.com/the-epic-backyard-of-freestyle-motorcyclist-tom-pages.htm?utm\\_source=4](http://www.flixxy.com/the-epic-backyard-of-freestyle-motorcyclist-tom-pages.htm?utm_source=4)
- 'Mailo' the African Gray Parrot solves multiple puzzles to get get his treat, which his owner placed behind a series of 5 locks:  
[http://www.flixxy.com/smart-parrot-solves-five-puzzles-to-get-his-treat.htm?utm\\_source=4](http://www.flixxy.com/smart-parrot-solves-five-puzzles-to-get-his-treat.htm?utm_source=4)
- For the kids: Watch this beautiful and touching 3D animated story of a fox, a mouse and two owls - to the song 'Take On Me' by Andrea Begley:  
[http://www.flixxy.com/the-fox-and-the-mouse-beautiful-holiday-commercial.htm?utm\\_source=4](http://www.flixxy.com/the-fox-and-the-mouse-beautiful-holiday-commercial.htm?utm_source=4)

**From:** [Benji Hutchinson](#)  
**To:** [Harper, Jerry - Sheriff](#)  
**Subject:** See NEC's NeoFace® in action in Booth #101 at Connect:ID  
**Date:** Thursday, April 27, 2017 7:08:41 AM



**Dear Jerry:**

Next week, NEC Corporation of America (NEC) will launch a new rapid-access biometric solution based on NEC's world renowned facial recognition technology at the Connect:ID Global Exhibition in Washington, D.C. We would like to invite you to come see this new product based on our NeoFace® technology live and in person.

This solution represents a new class of facial recognition system setting the stage for the future of travel, access and identity recognition. Its unique capabilities are the result of NEC's years of research and global deployment experience in high throughput identity validation. With its robust capture process and sleek design, it delivers frictionless, seamless enrollment, verification and identification in a variety of settings, such as; airports, boarder management, ports of entry/exit and other high-demand, high-traffic areas.

Visit us at Booth #101 to see a demonstration and learn more.

Hope to see you there!

Best regards,

Benji Hutchinson

Senior Director

NEC Advanced Recognition Systems, Washington, D.C. Operations



Published by NEC Corporation of America. - 3929 W John Carpenter Freeway Irving, Texas 75063

© 2017 NEC Corporation of America. All rights reserved.

[www.necam.com](http://www.necam.com)

[Unsubscribe](#)



**From:** [Sharon Rollins](#)  
**To:** [Sullivan, Frank](#)  
**Subject:** Thank you for attending the IDEMIA Users Conference  
**Date:** Monday, May 21, 2018 5:03:23 AM

---



## Quick Hits #16



Greetings! Thank you for attending the 39th annual IDEMIA Public Security Users Conference. We hope you enjoyed the keynote speakers, educational sessions, hands-on demos, and networking events. This year's conference was attended by a record number of users and special guests, all devoted to Uniting the World of Identity.

### Awards

The **2018 Kathy Medrano Lifetime Achievement Award** was presented to **Bill Schade**, who retired this year following over 45 years in law enforcement. As noted by his colleagues, Bill has witnessed significant advancements in identification technology during his career, and has often played a part in bringing the advancements into use.

The **2018 Bill Whyte Latent Hit of the Year Award** was presented to **Ana Cristina Correia** and **Francisco Calado**, fingerprint experts at the Portuguese Criminal Police Forensic Laboratory. The winners were recognized for their expertise in obtaining fingerprints from images on the internet that led to the identification and conviction of a pedophile known as "Twinkle."

The **2018 Face Hit of the Year Award** was presented to the **Arizona Counter Terrorism Information Center (ACTIC) Facial Recognition Unit (FRU)**, staffed by Sergeant Daniel Heltemes, Detective Jeremy Perry, Detective Neal Peden and Officer Robbie Robinson. The award was presented to the group for their work in establishing the ACTIC. In 2017, FRU provided over 275 investigative leads to active investigations, including fraud, assaults, robbery and homicide.

The **2018 IDEMIA Employee Recognition Award** was presented to **Norm Pruett**, IDEMIA Sr. Customer Support Engineer. Norm was recognized for his dedication to excellence, and his diplomacy in problem solving. Norm has been a long-time CSE for the California Statewide Fingerprint Imaging System (SFIS).



### **David Cotton Most Unusual/Amusing Fingerprint Contest**

The Most Unusual Fingerprint prize went to "4-Slap Tom," submitted by Amanda Haines of the Franklin County (OH) Sheriff's Office. The individual's fingers are conjoined, creating an unusual ridge flow on the index fingers.



The Most Amusing Fingerprint prize went to "Have a Nice Day," submitted by Scott Flynn of the Anaheim Police Department. In this print, the center of the loop resembles a happy face.

---

### Surveys

We'd like to extend a special thank you to everyone who filled out a survey. Your observations help us plan for future conferences, and are read and appreciated by everyone on the team. Don't forget: all the surveys are open through Monday June 11. Be sure to fill out the Overall Conference Survey to be entered in the final prize drawing of the conference. Look for the Overall Conference Survey on the app home screen.

---

### Speaker Presentations

The following speakers have agreed to share their presentations at [this link](#):

- **Cloud Update**, *Stuart McKee and John Brooke*
  - **The AAMVA Law Enforcement Program**, *Brian Ursino*
  - **Mobile ID in Colorado**, *Chris Schaefer*
  - **Nail to Nail (N2N) and Other Biometric Efforts**, *Christopher Boehnen*
  - **AFIS Management = Risk Management**, *Axel Glaeser and John Riemen*
  - **Law Enforcement and Public Safety in Indian Country**, *Francis E. Bradley, Sr.*
- 

### Conference Brochure

Revisit the conference and verify your sessions with the 2018 Users Conference Brochure at [this link](#).

### Photographs

Browse and download photographs from the conference at [this link](#).

Browse and download photographs from the Unity Celebration Banquet at [this link](#). If you access the banquet photos from your PC, click **View Thumbnails** in the lower left corner, then right-click on the desired image and select **Save image as**. If you're viewing the photos on your smart phone, hold your finger on the desired image, and select **Save** or **Download**.

### Opening and Closing Videos

Enjoy the opening conference video [here](#), and the closing highlights video [here](#).

### Looking to the Future

Be sure to follow up with your Sales Manager and Program Manager for information about IDEMIA products and services. Thank you again for making the 39th annual IDEMIA Public Security Users Conference the most successful yet. Plans are already underway for the 40th annual conference, and we look forward crafting a conference that delivers education, fellowship, and fun.

[www.idemia.com](http://www.idemia.com) | +1 800-346-2674 | [info.usa@idemia.com](mailto:info.usa@idemia.com)

IDEMIA, 296 Concord Rd., Ste. 300, Billerica, MA 01821

[SafeUnsubscribe™ fsullivan@sbcisd.org](mailto:SafeUnsubscribe%20fsullivan@sbcisd.org)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [sharon.rollins@idemia.com](mailto:sharon.rollins@idemia.com) in collaboration with

[Constant Contact](#)



Try it free today

**From:** [Todd Pastorini](#)  
**To:** [Wilterding, Noel](#); [Harper, Jerry - Sheriff](#); [Sullivan, Frank](#); [Rigali, Mark](#); [Thompson, Michael](#); [Jimenez, Steve \(Riverside\)](#); [Trott, Stephanie](#)  
**Subject:** Visit to Southern California  
**Date:** Thursday, January 04, 2018 8:02:20 AM

---

Happy New Year to everyone. I wanted to offer a visit on January 30<sup>th</sup> in the afternoon if you are available. I want to make sure all current and existing systems are working to your satisfaction and any future items that may be on the horizon.

I do want to remind the group that the Facial Recognition templates have reached their limit for the NEC engine and we are deleting the oldest template records in the system to make room for the newest arrest photos.

Sincerely,  
Todd Pastorini  
Executive Vice President & General Manager  
**DataWorks** *Plus*

